

Program EVALPLOT
(Version 2021-1)

by

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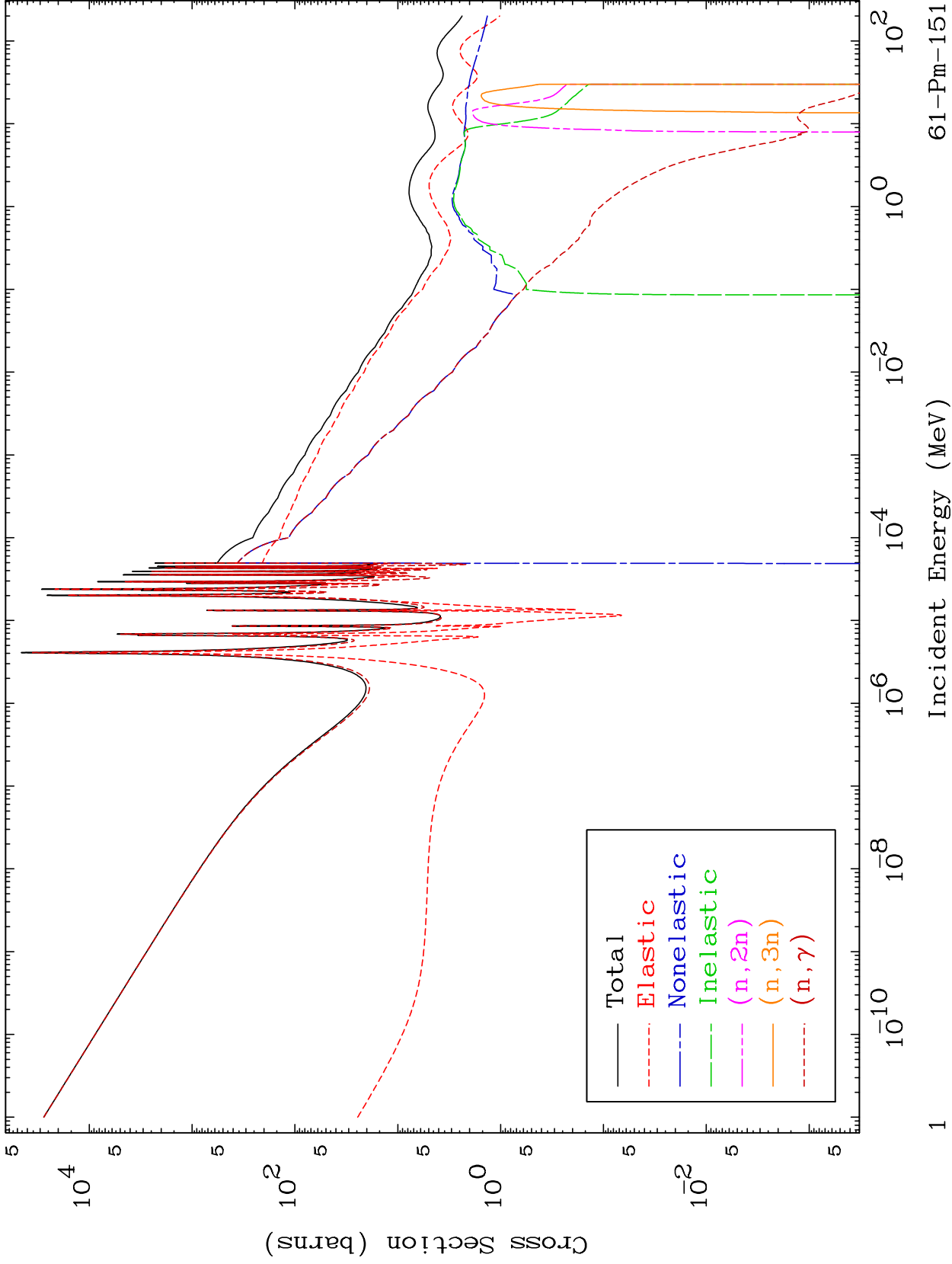
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Press Mouse Button to Start

MAT 6161

Neutron Major
293 Kelvin Cross Sections

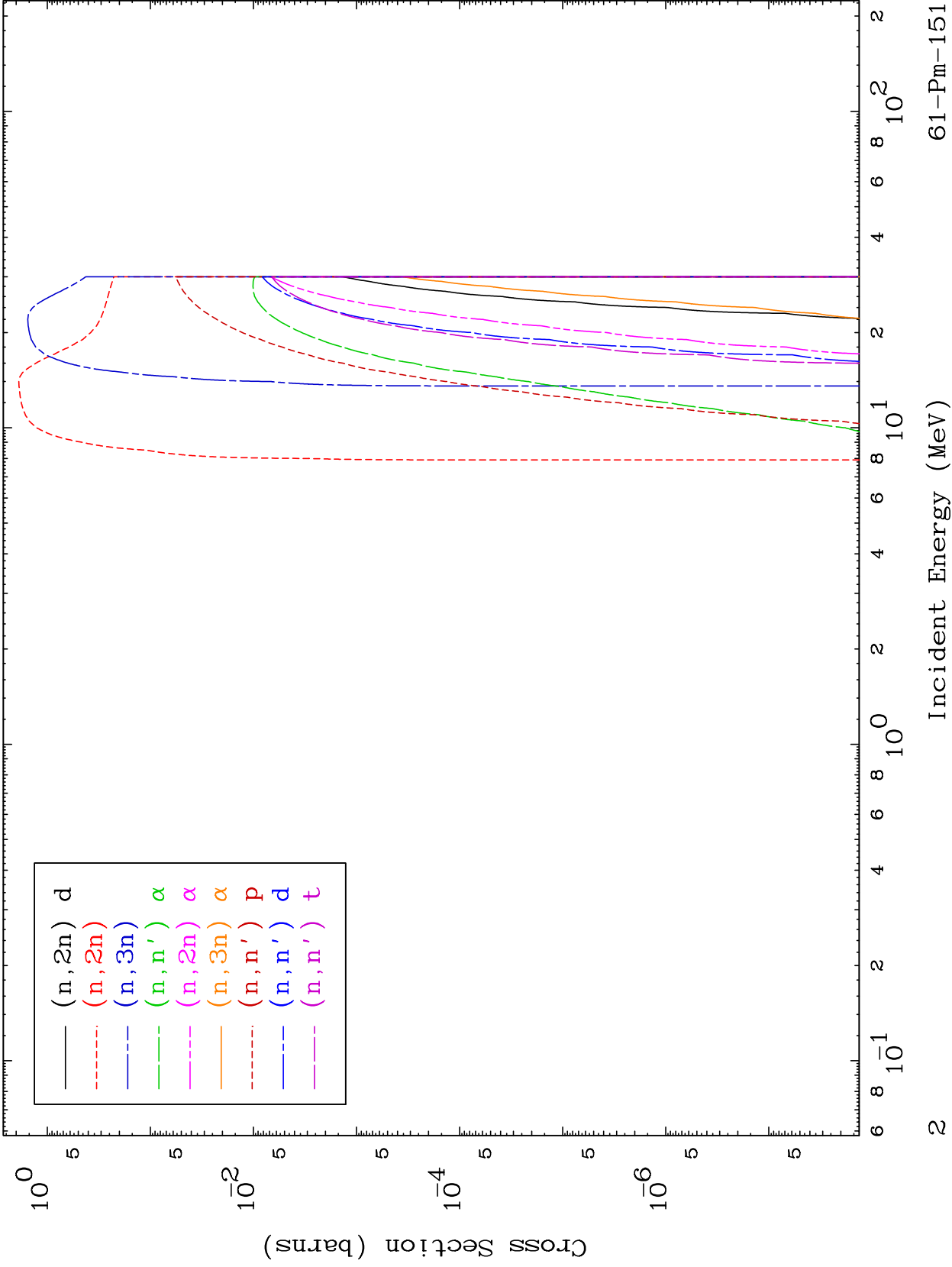
61-Pm-151



MAT 6161

Neutron Absorption
293 Kelvin Cross Sections

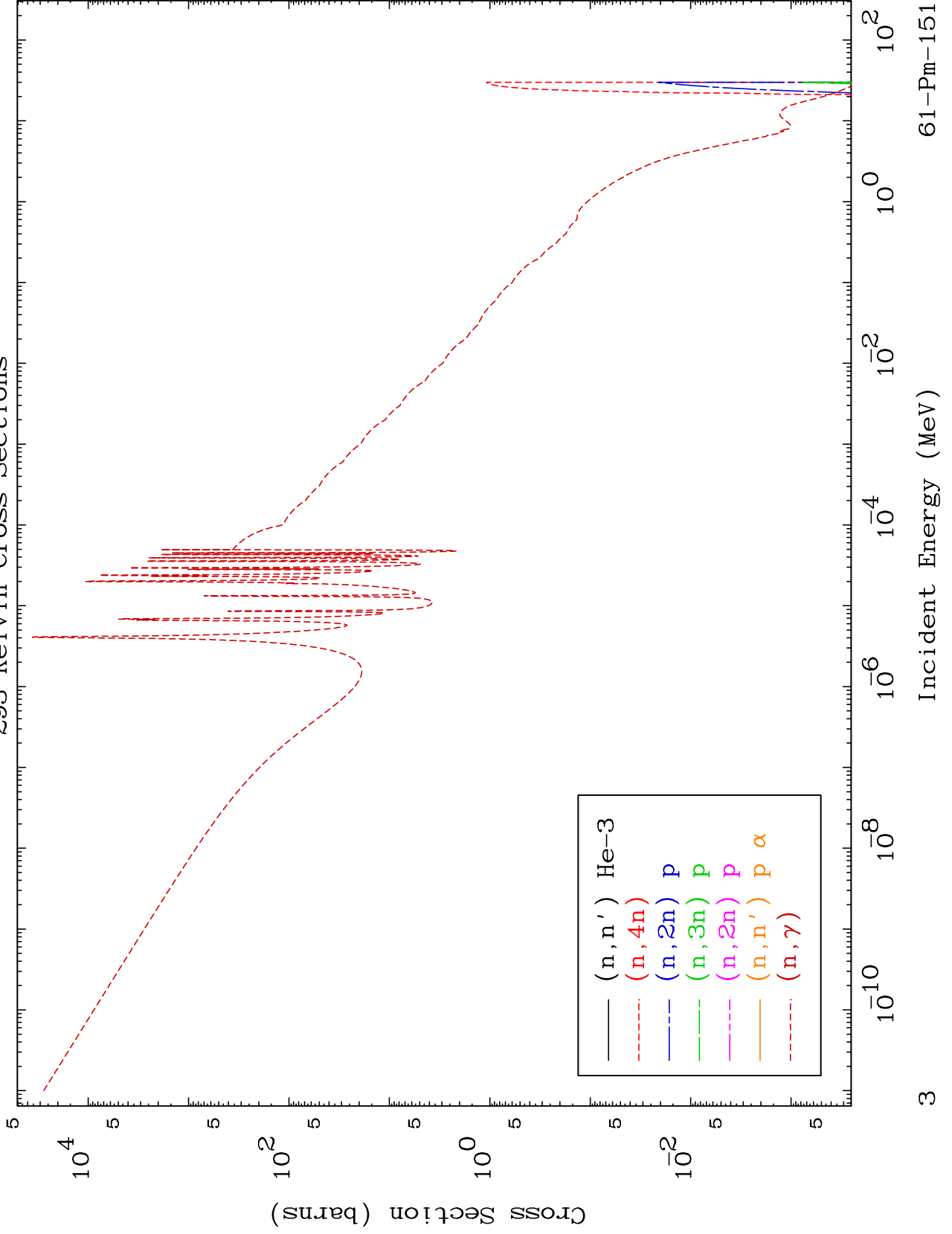
61-Pm-151



MAT 6161

Neutron Absorption
293 Kelvin Cross Sections

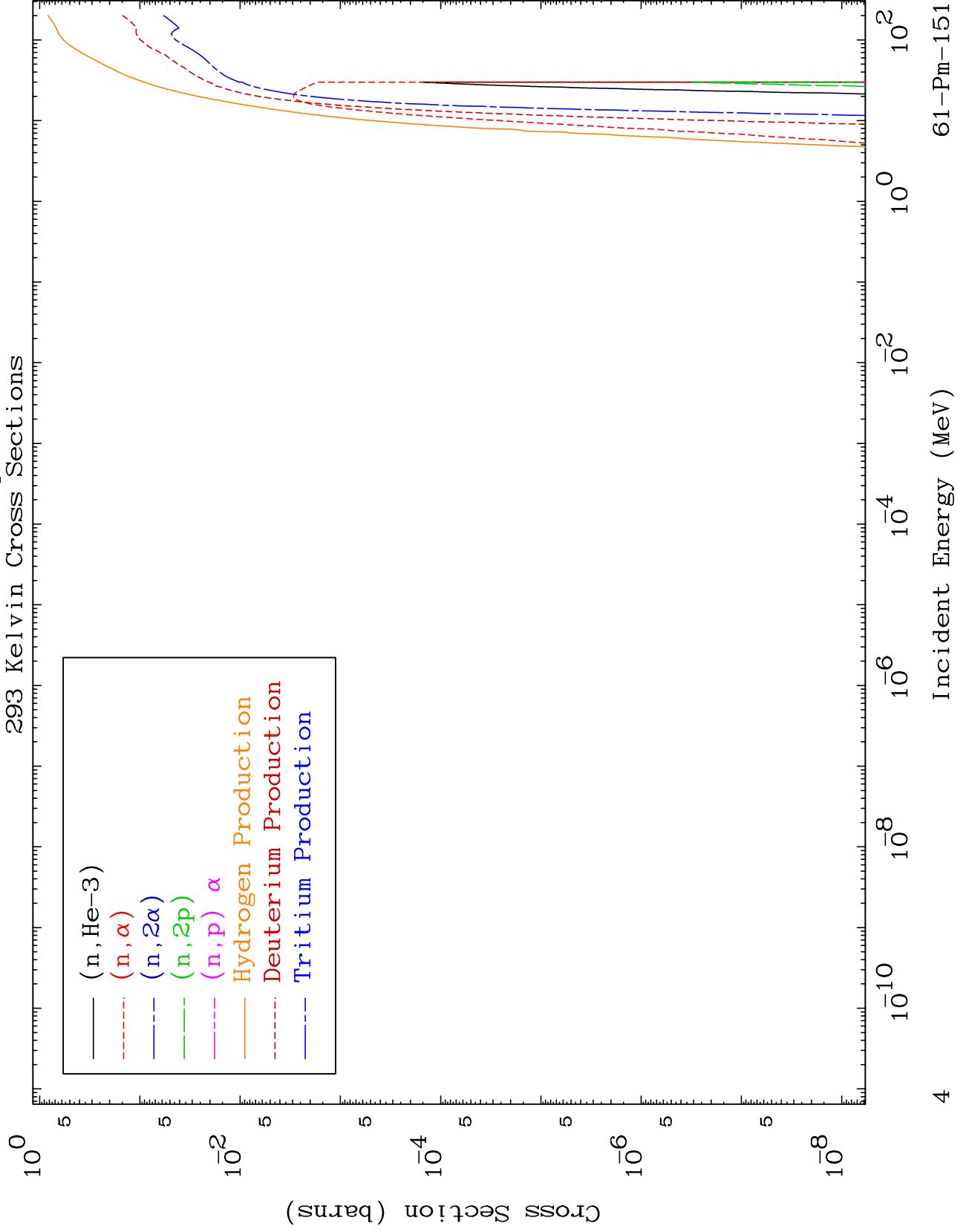
61-Pm-151



MAT 6161

Neutron Absorption
293 Kelvin Cross Sections

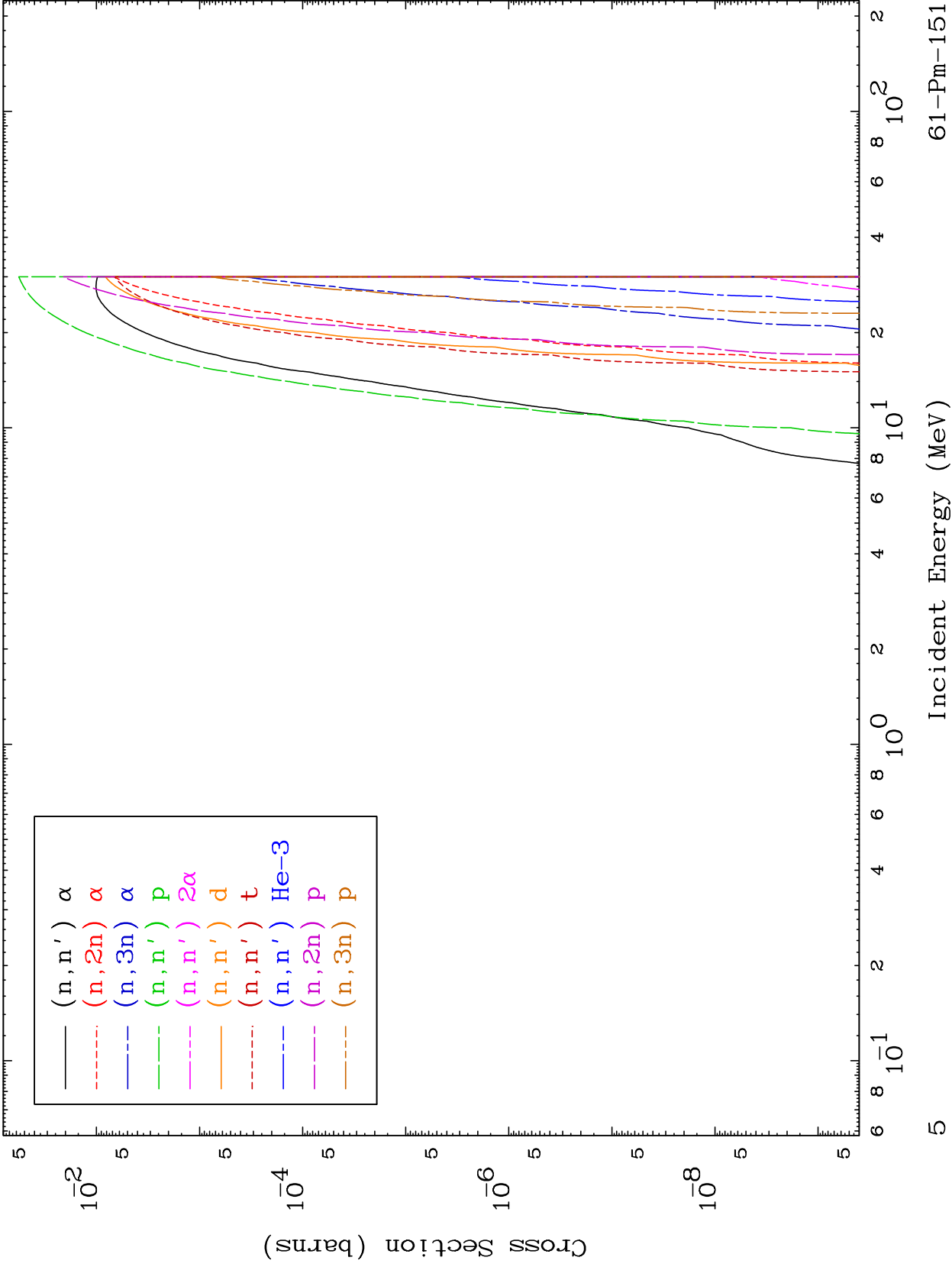
61-Pm-151



MAT 6161

Charged Particle
293 Kelvin Cross Sections

61-Pm-151



5

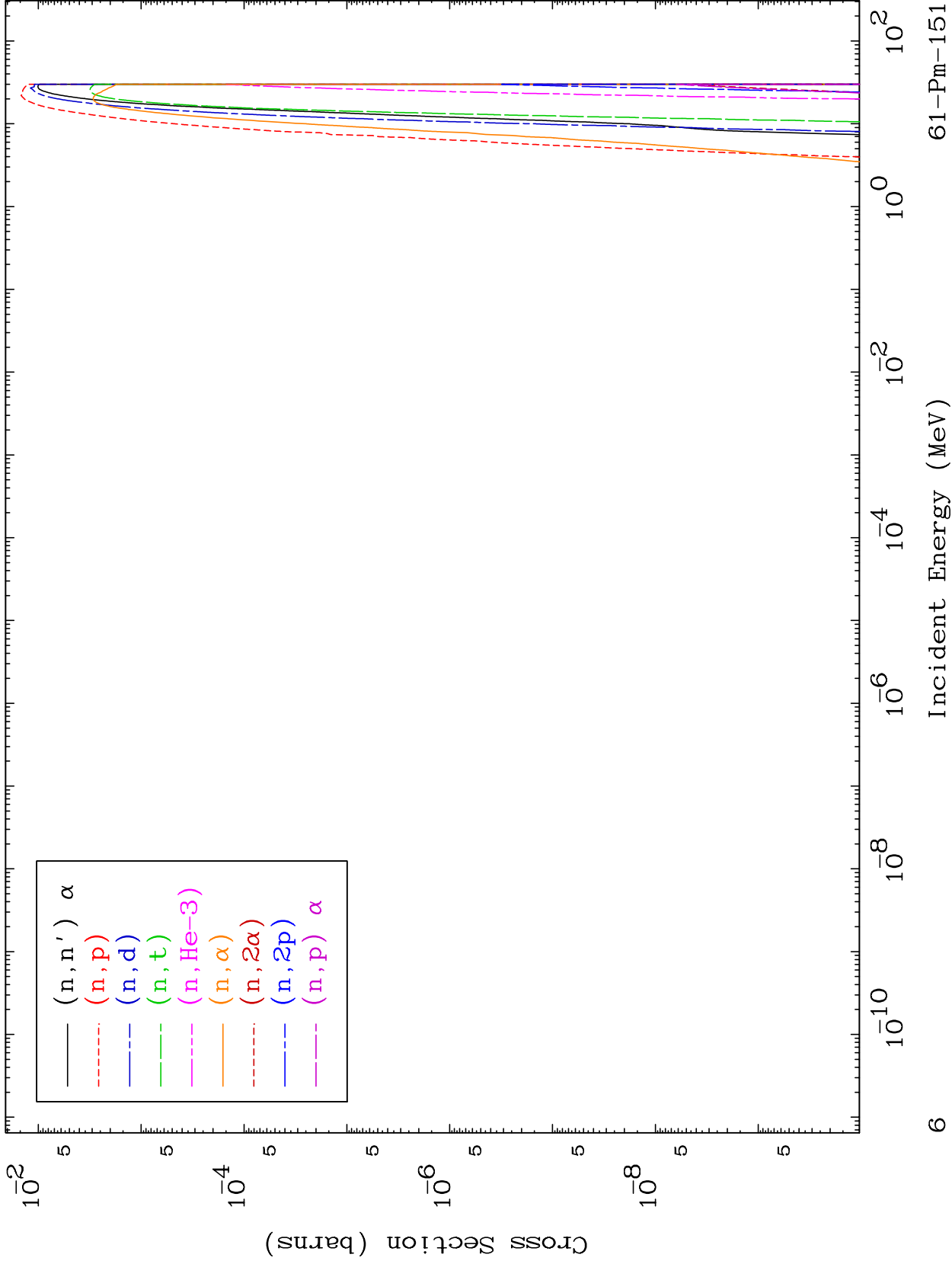
Incident Energy (MeV)

61-Pm-151

MAT 6161

Charged Particle
293 Kelvin Cross Sections

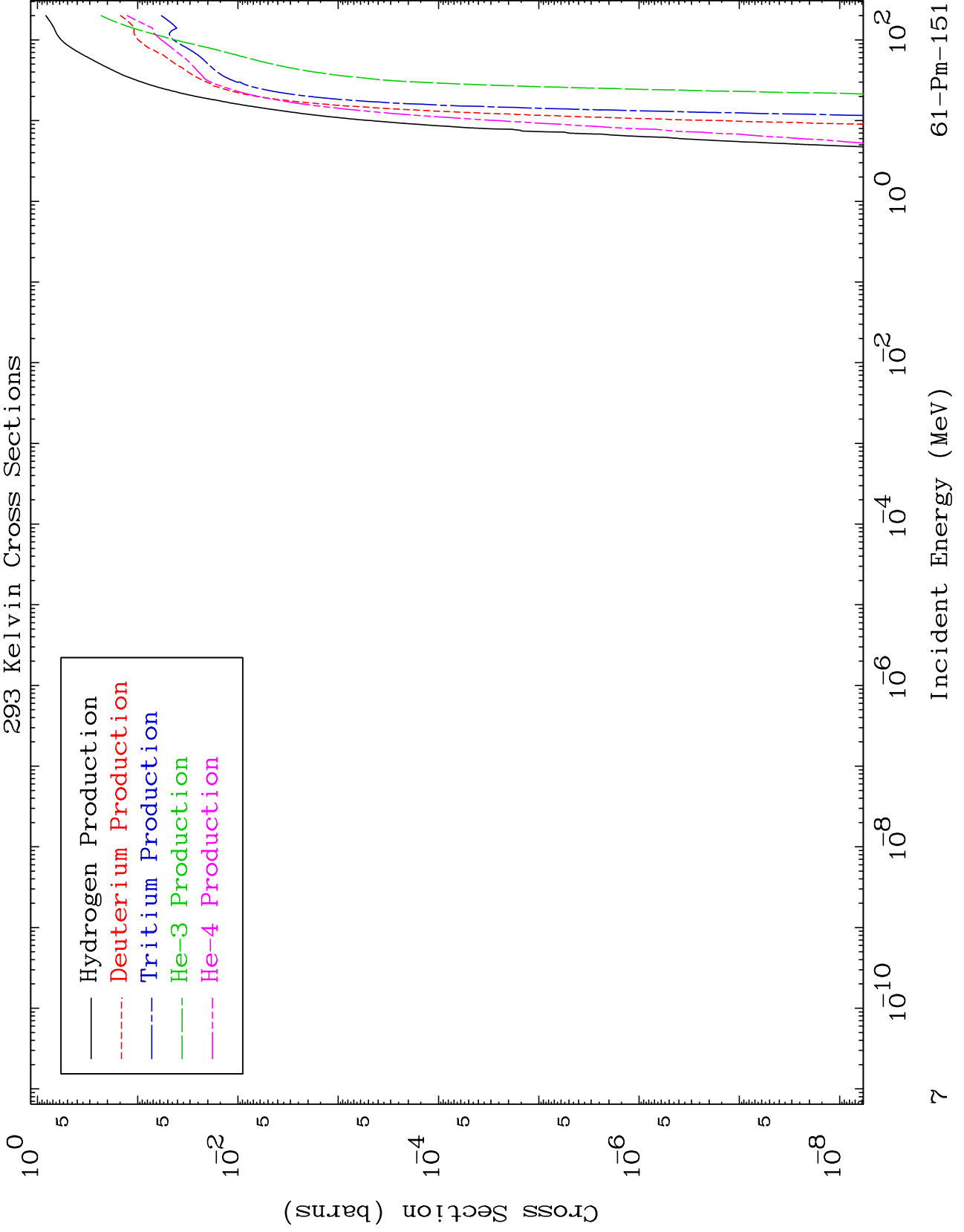
61-Pm-151



MAT 6161

Particle Production
293 Kelvin Cross Sections

61-Pm-151

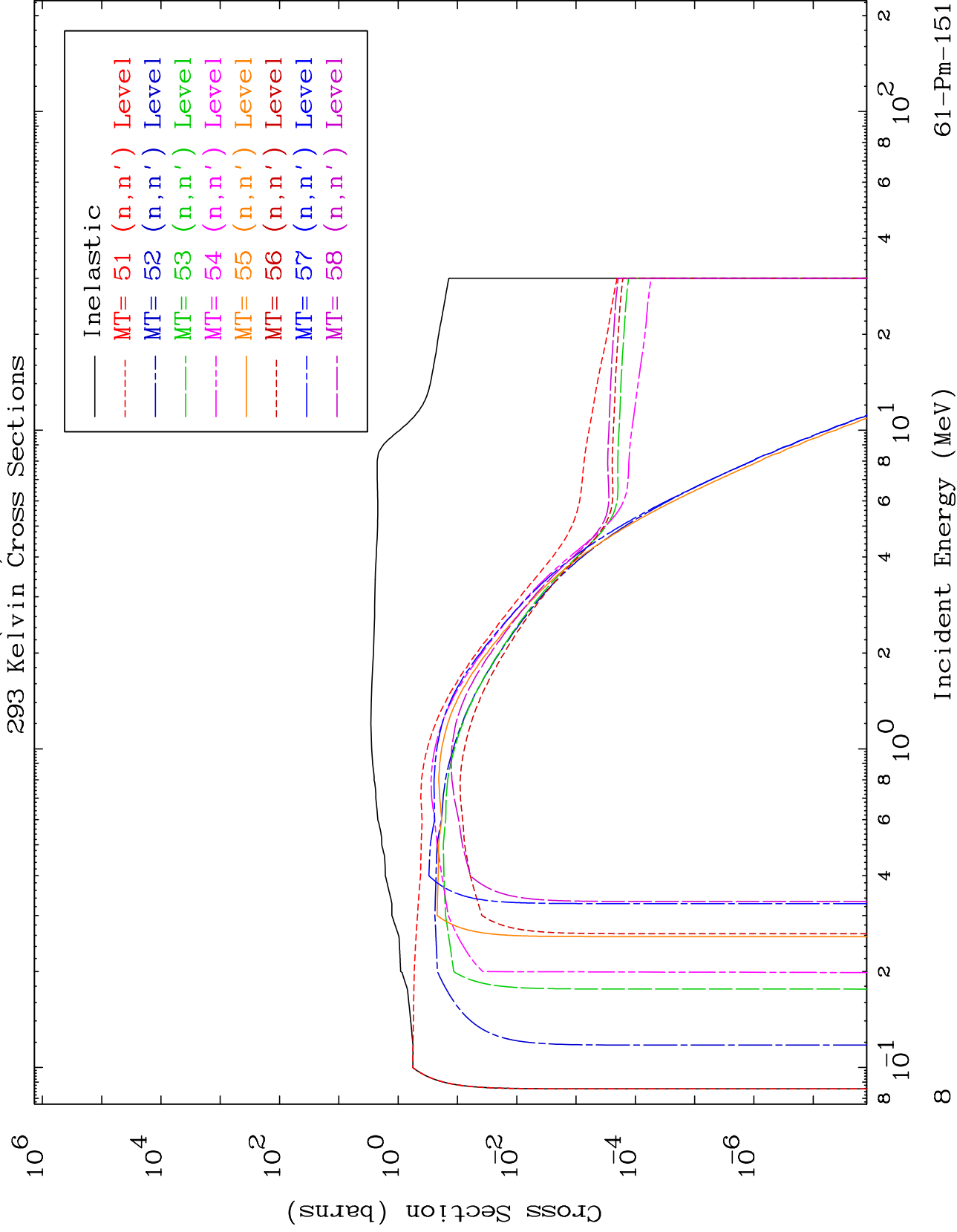


MAT 6161

(n,n') Levels

61-Pm-151

293 Kelvin Cross Sections



8

Incident Energy (MeV)

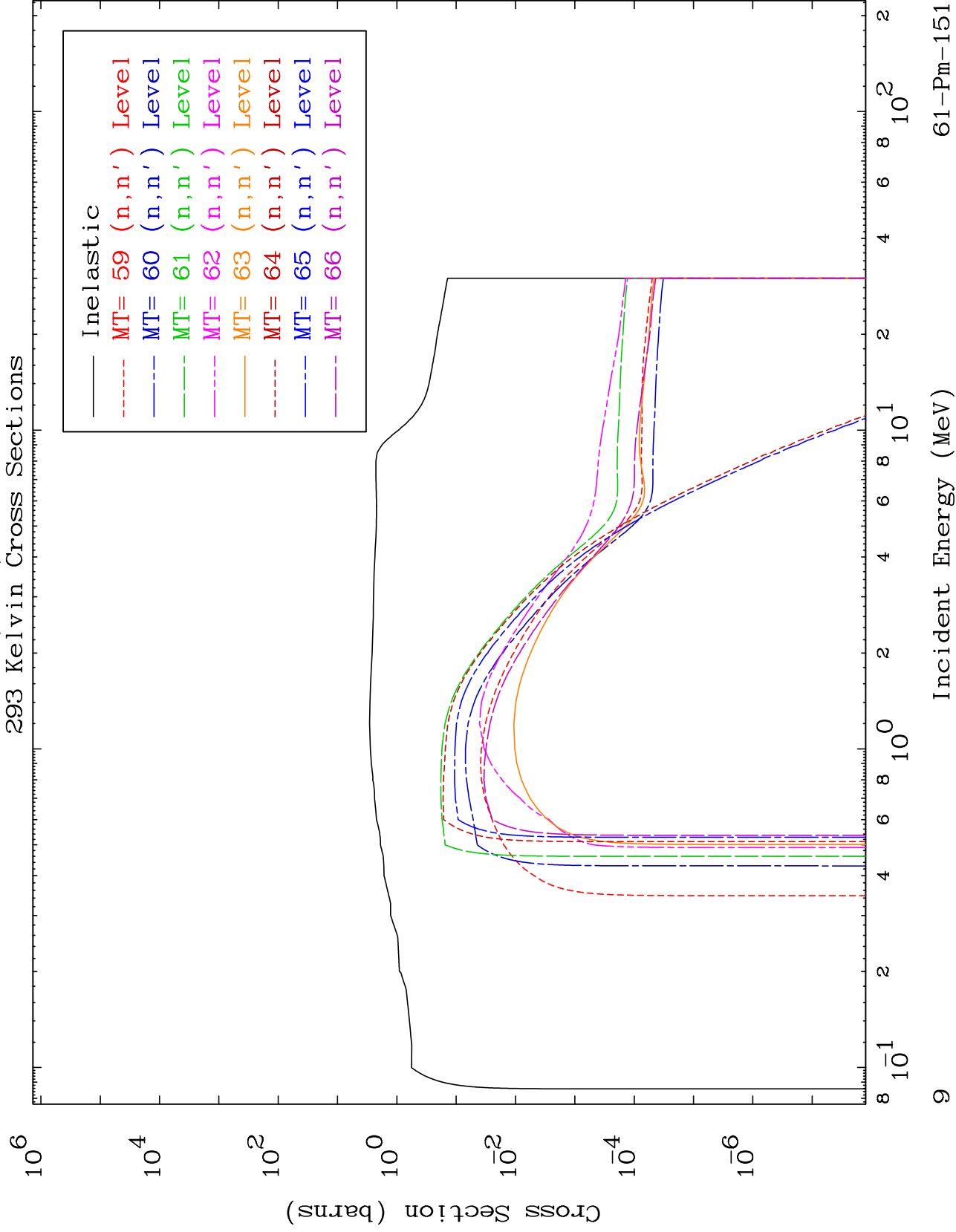
61-Pm-151

MAT 6161

(n,n') Levels

61-Pm-151

293 Kelvin Cross Sections



9

Incident Energy (MeV)

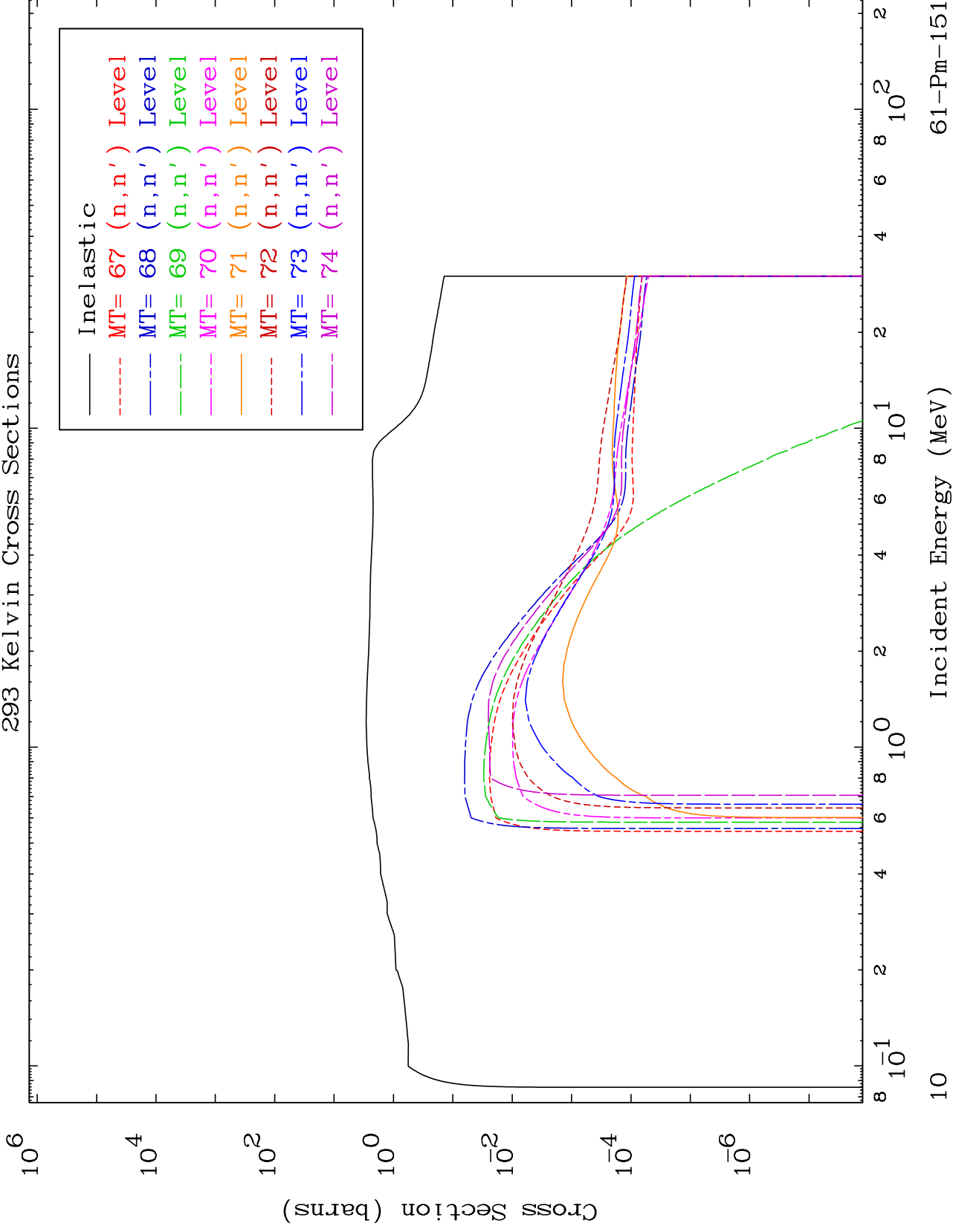
61-Pm-151

MAT 6161

(n,n') Levels

293 Kelvin Cross Sections

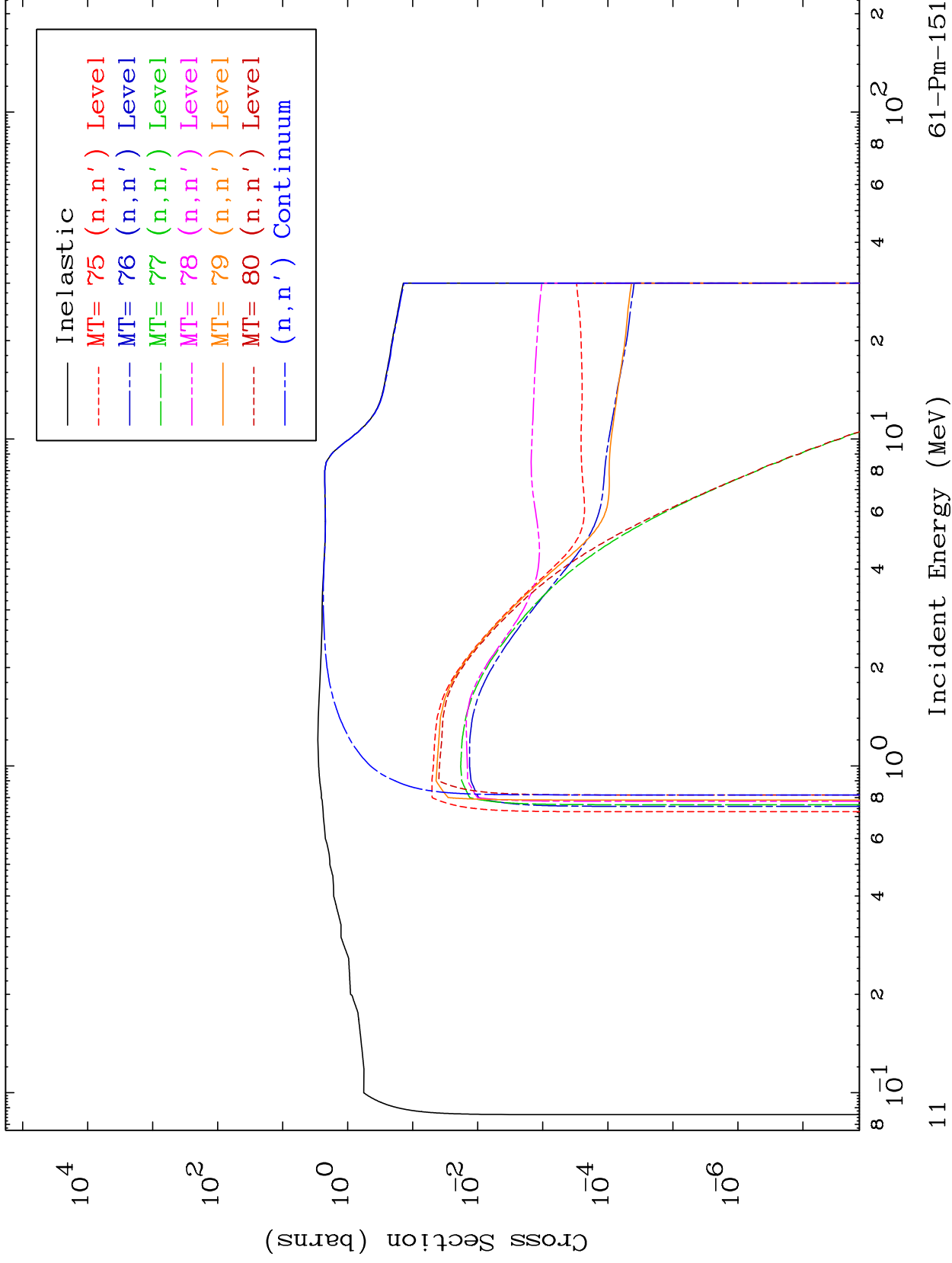
61-Pm-151



61-Pm-151

Incident Energy (MeV)

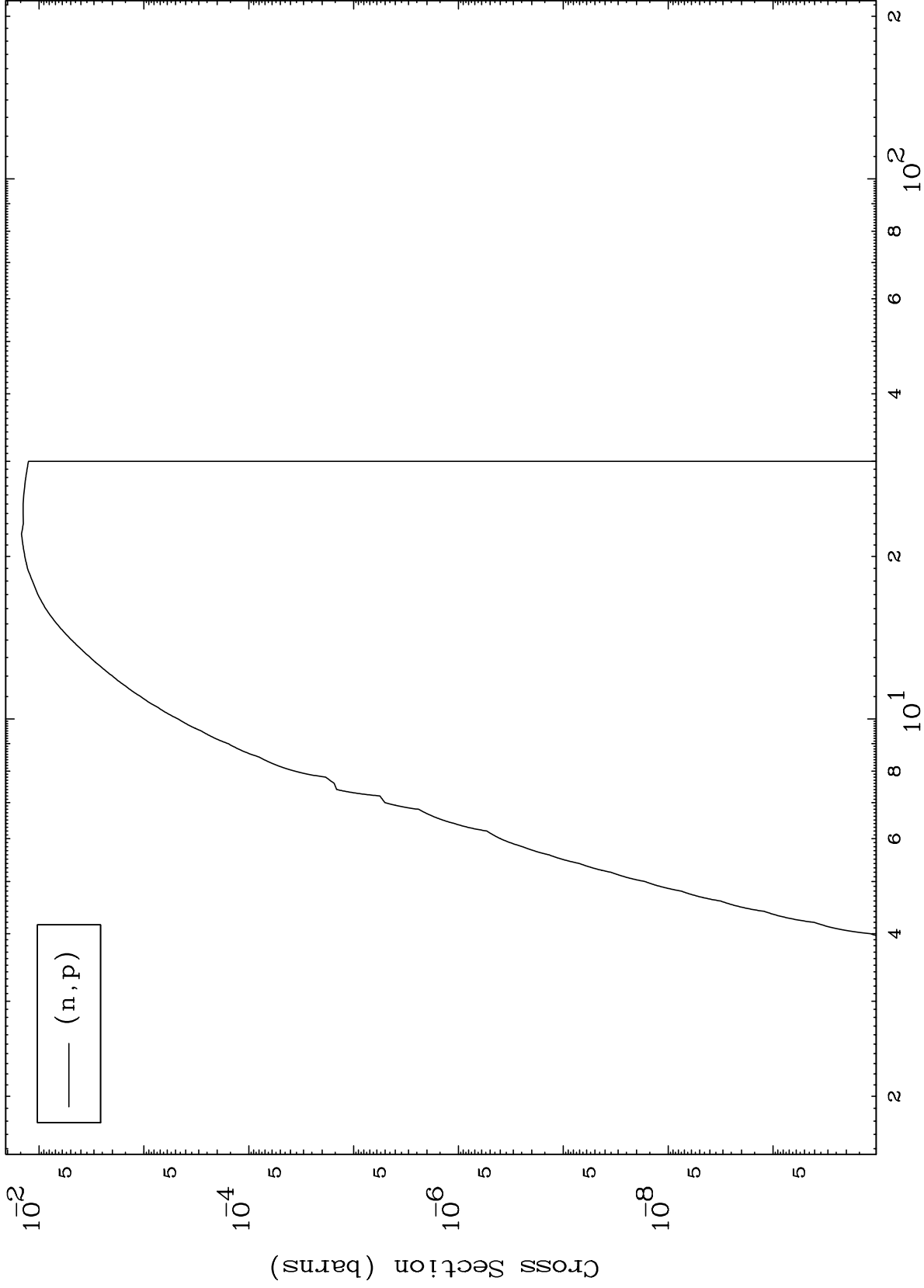
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MAT 6161

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-151



12

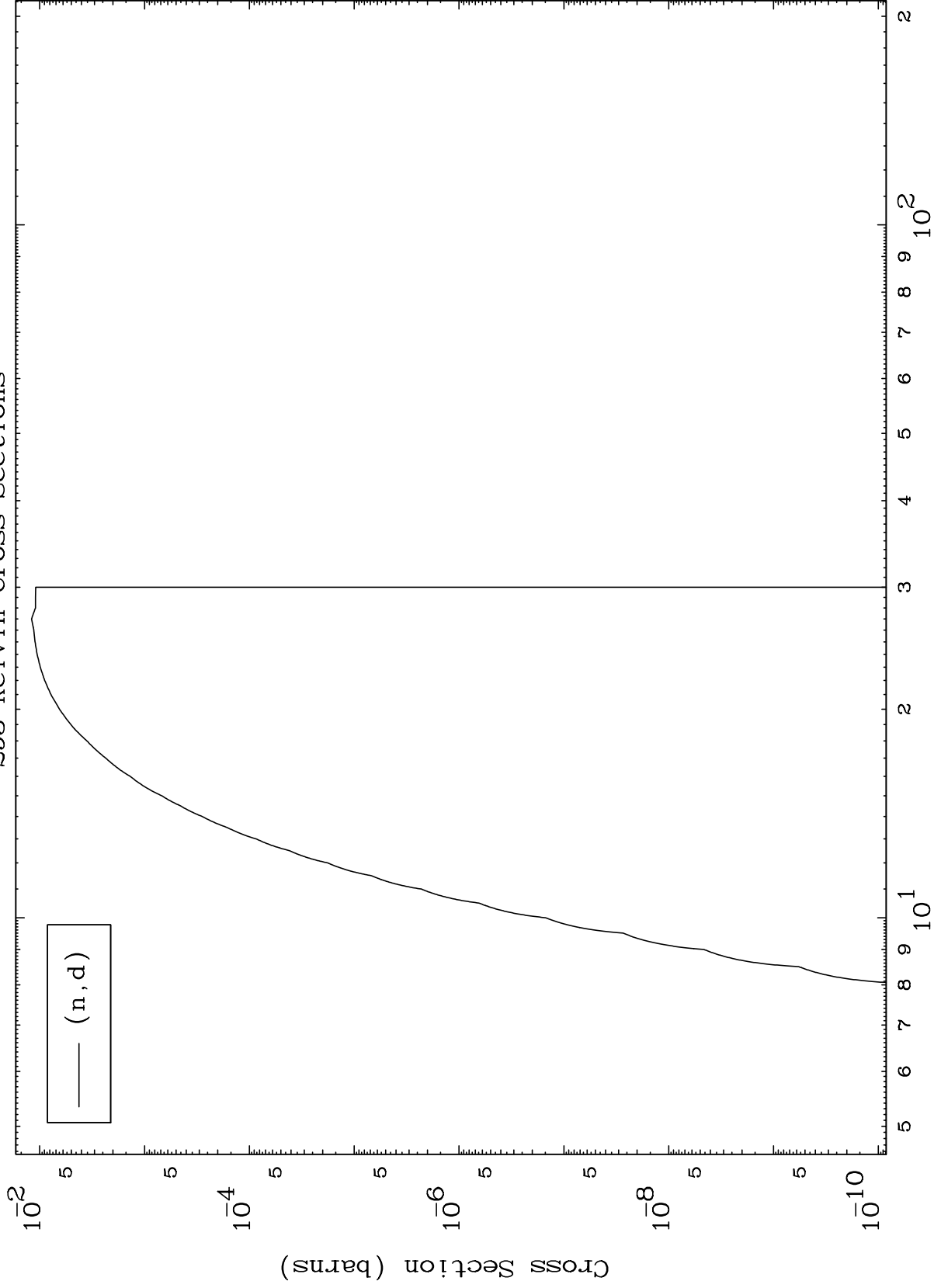
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-151



13

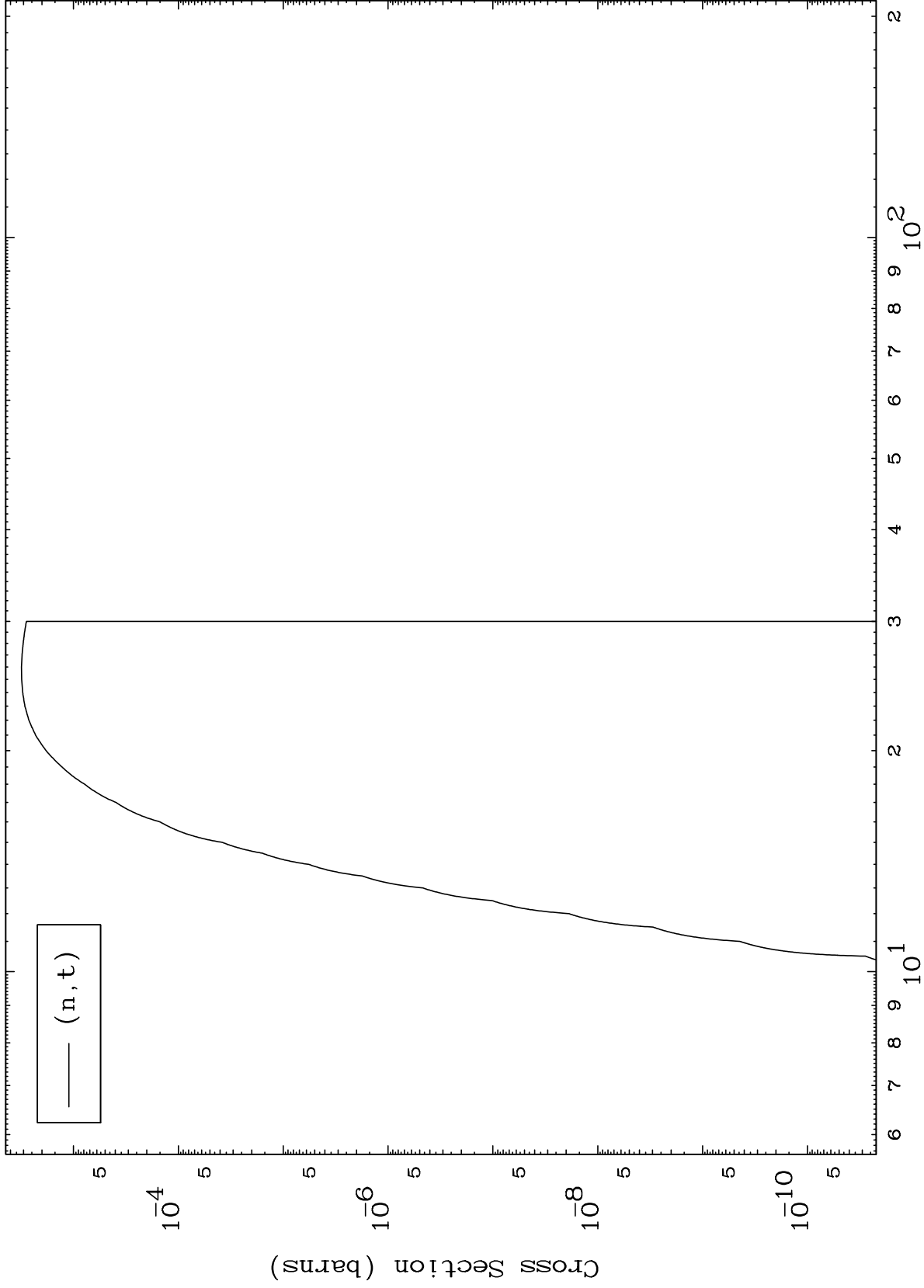
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n, t) Levels
293 Kelvin Cross Sections

61-Pm-151



14

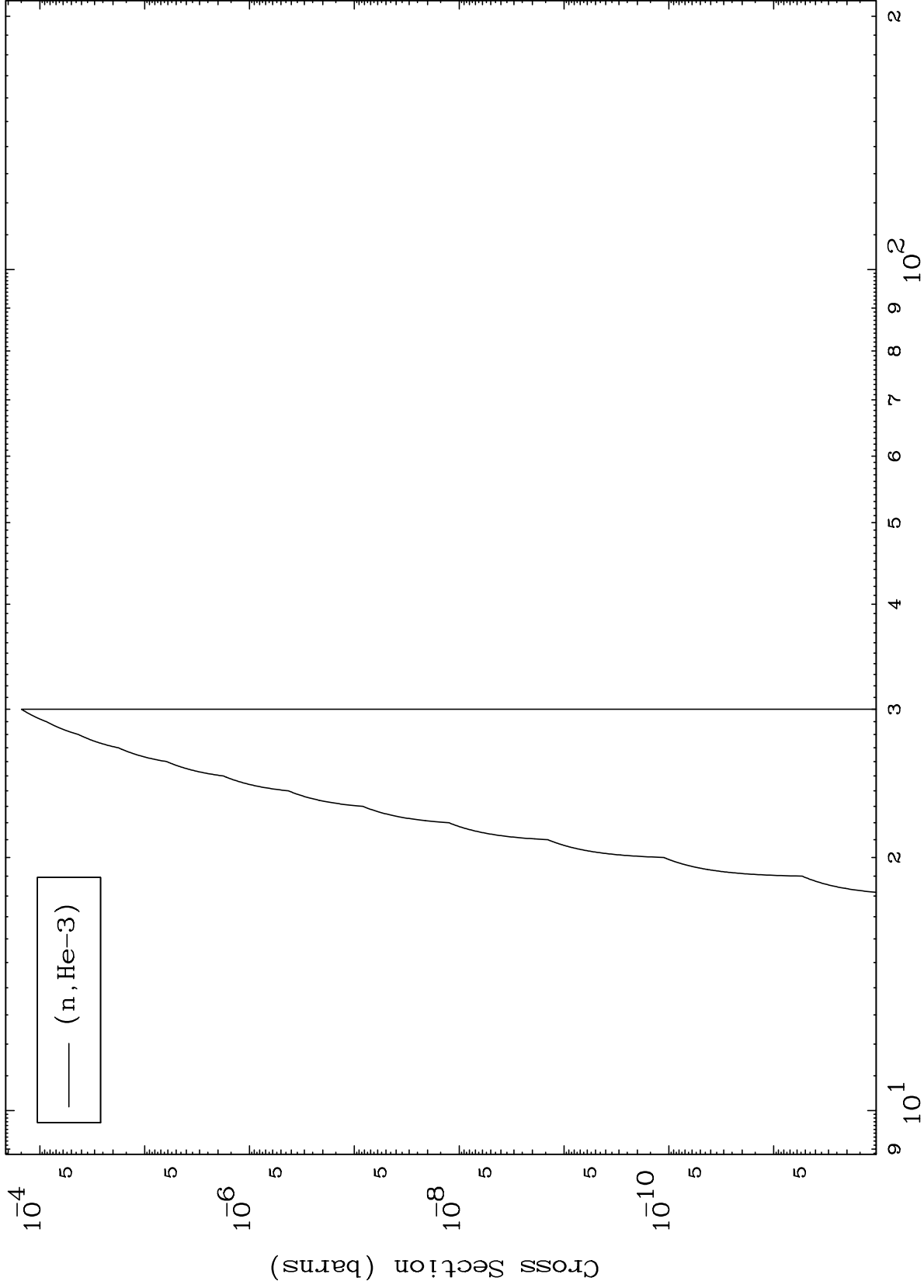
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-151



15

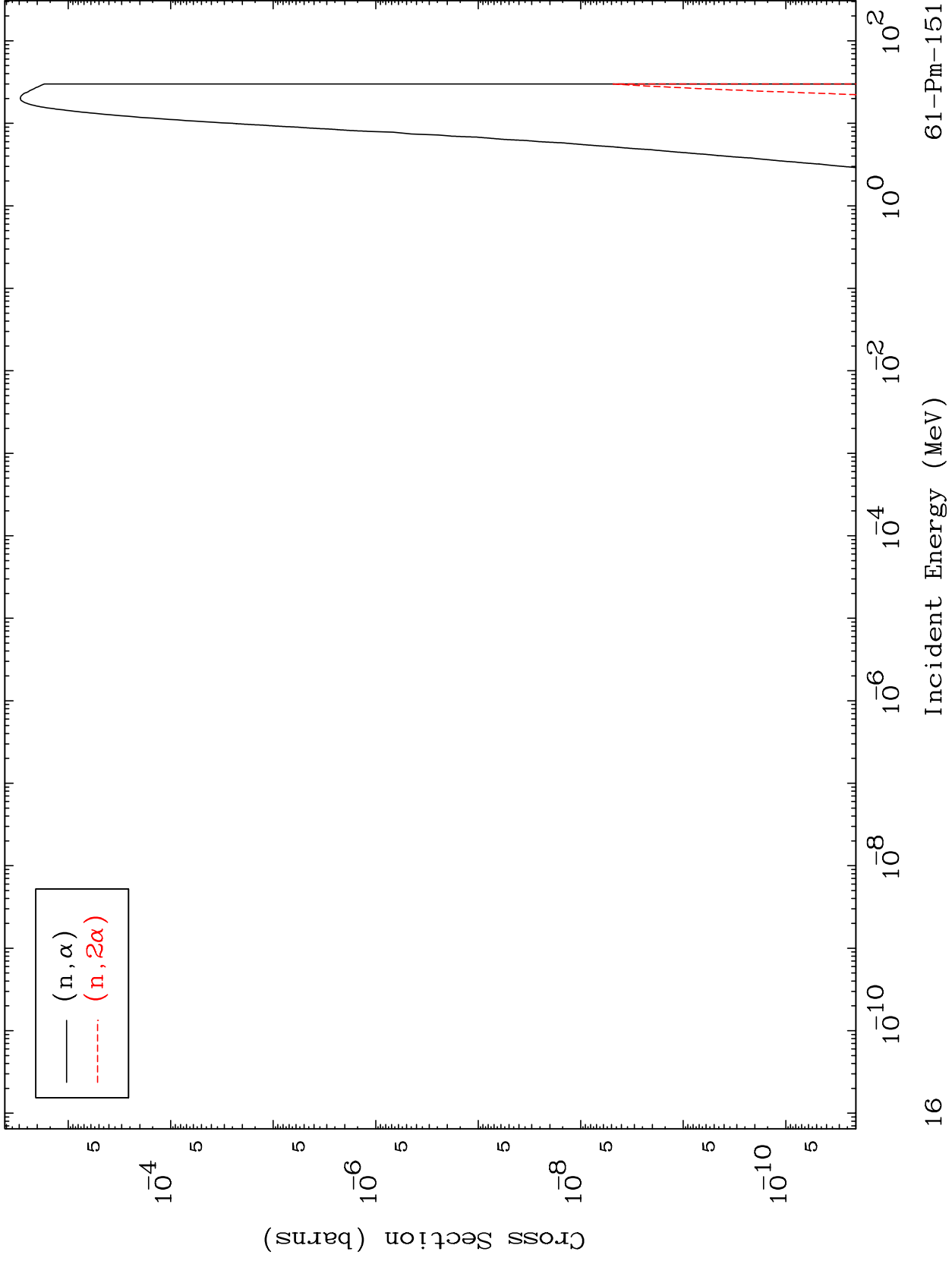
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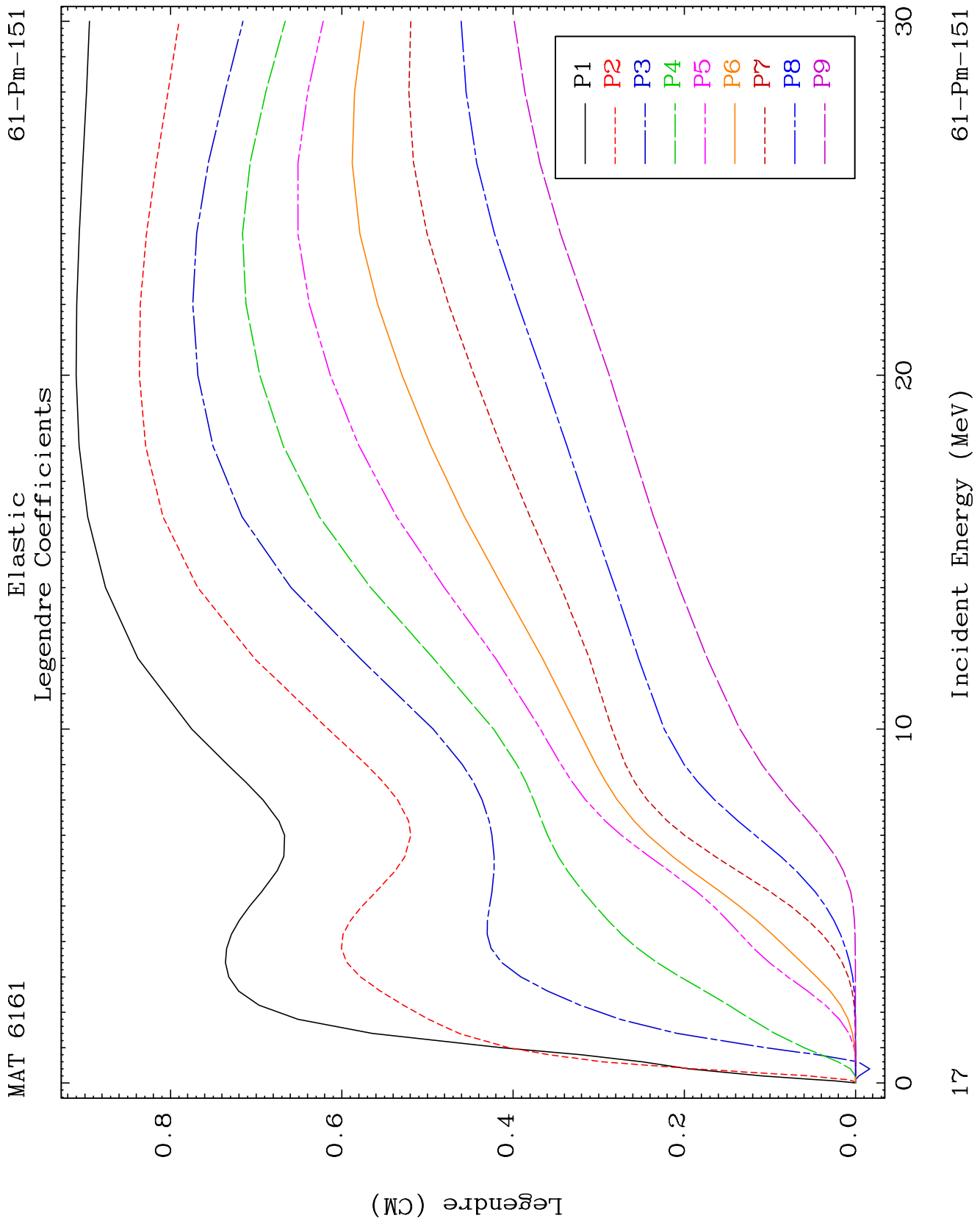
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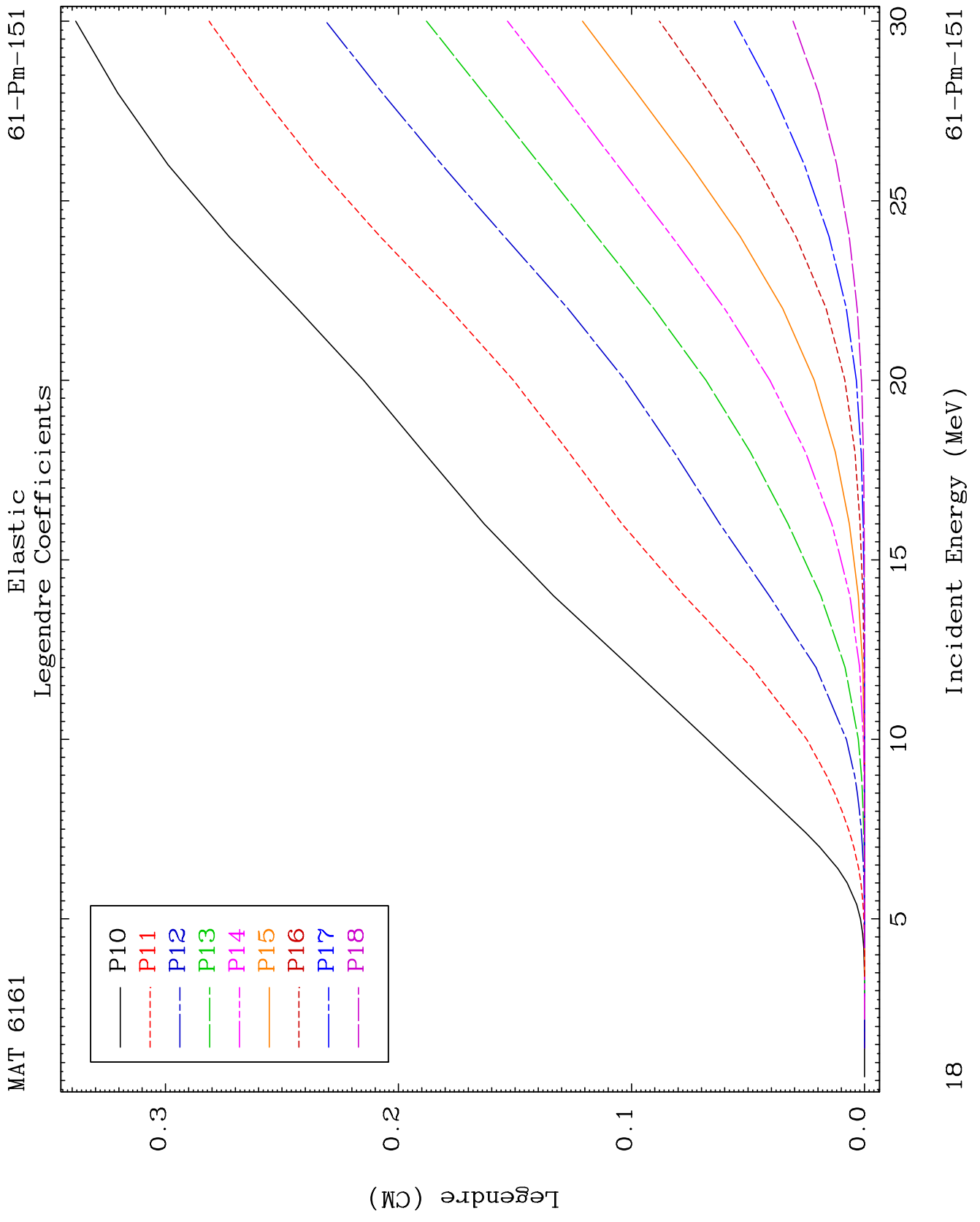
MAT 6161

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-151



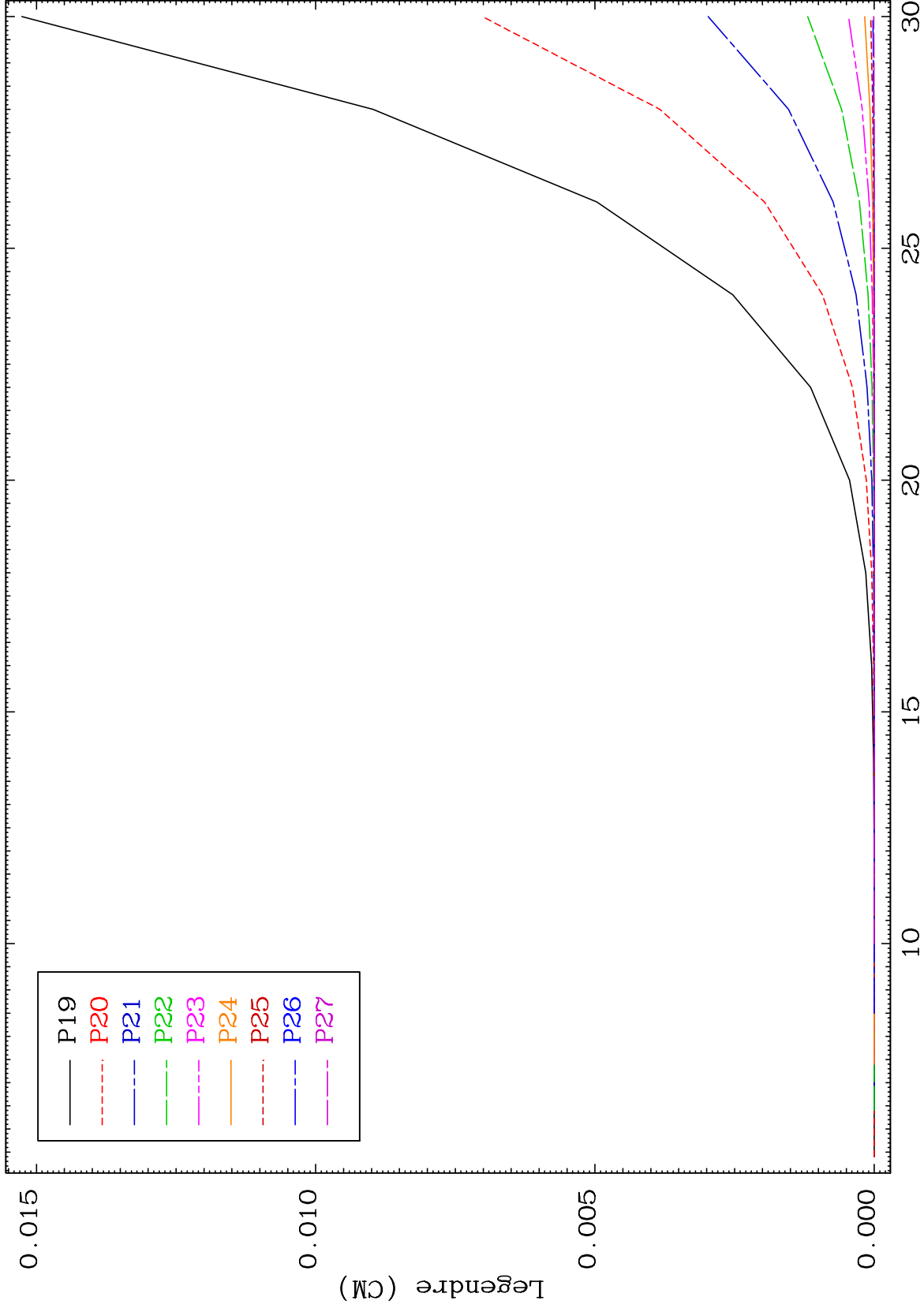




MAT 6161

Elastic
Legendre Coefficients

61-Pm-151



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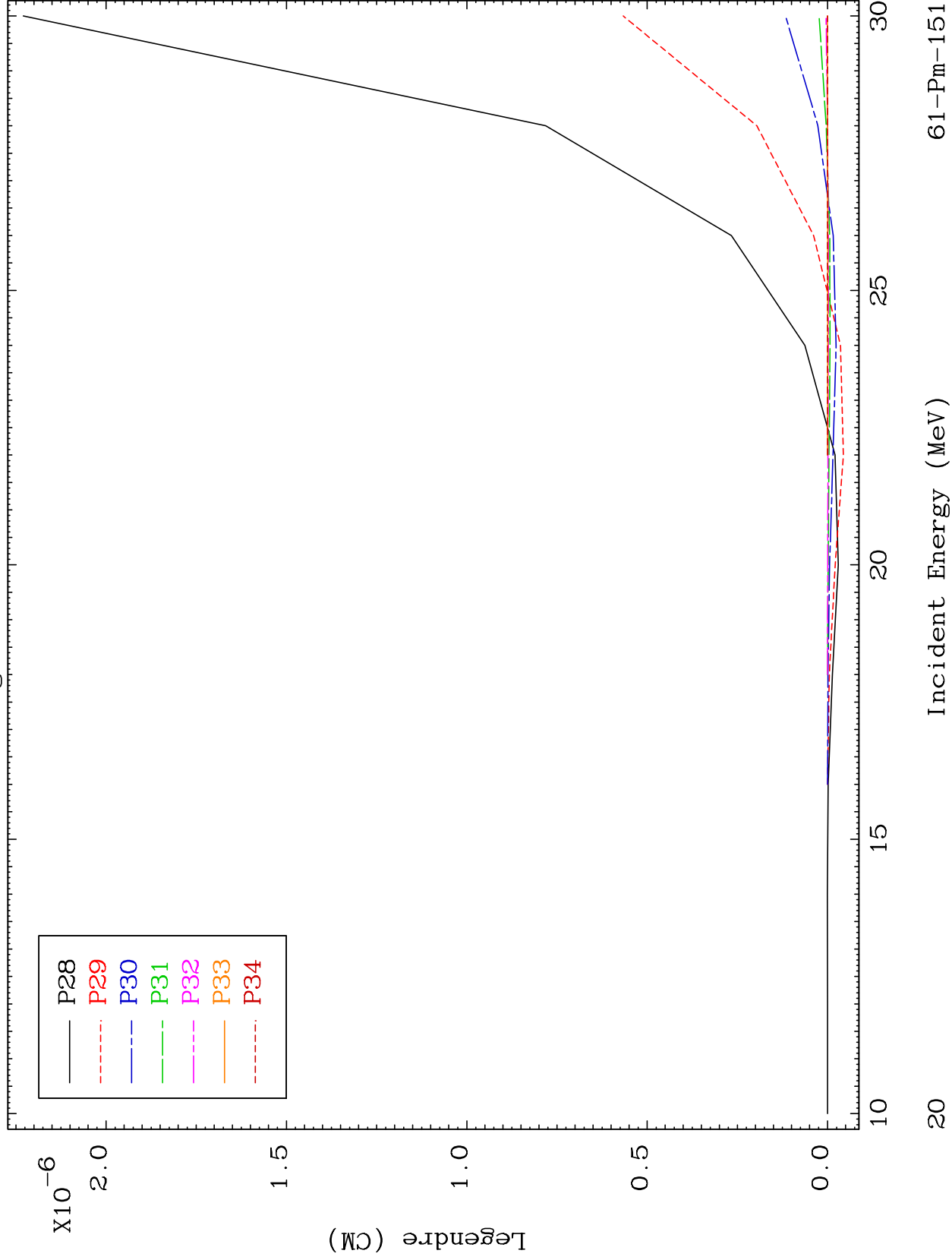
Incident Energy (MeV)

61-Pm-151

MAT 6161

Elastic
Legendre Coefficients

61-Pm-151



61-Pm-151

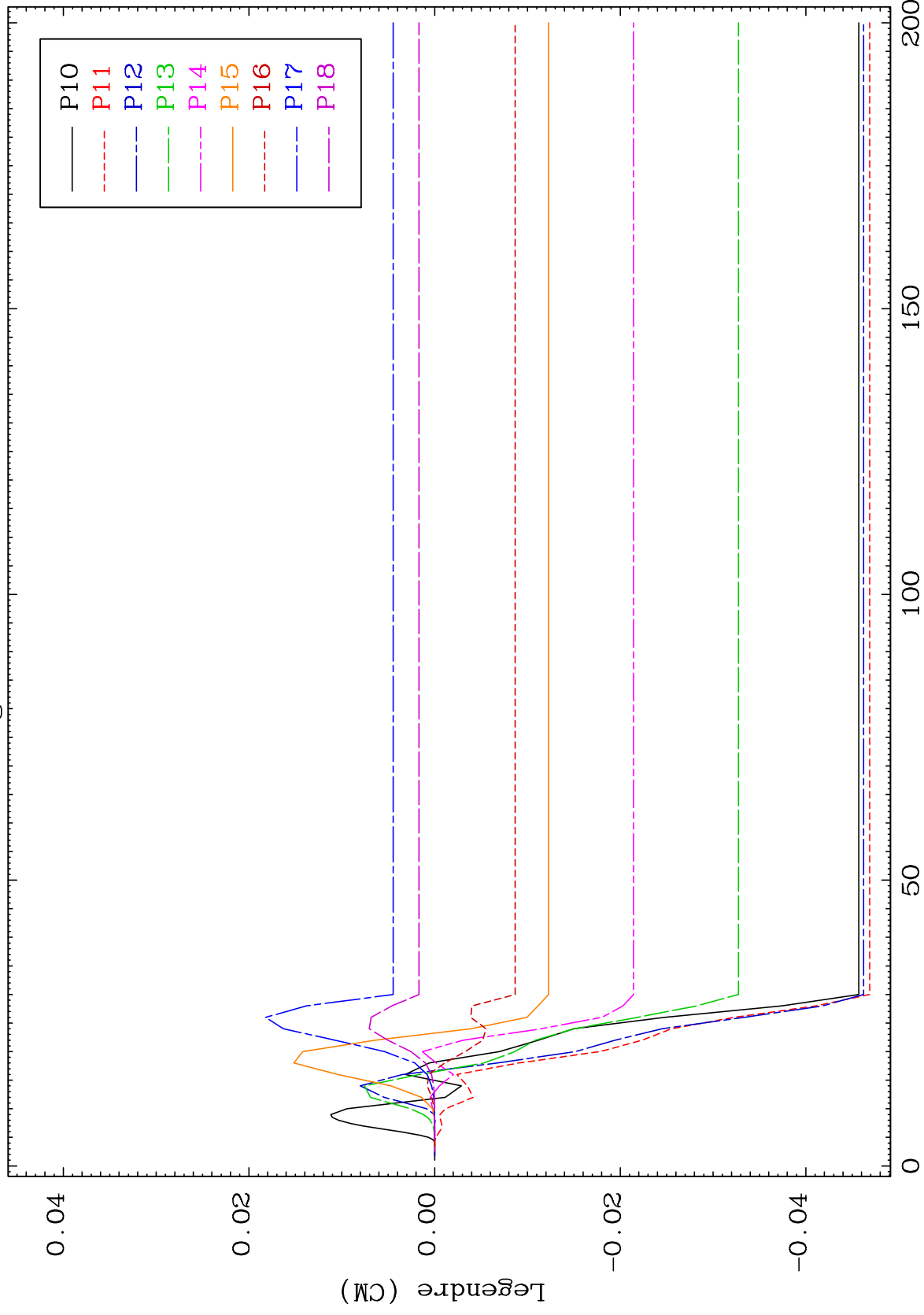
Incident Energy (MeV)

20

MAT 6161

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-151



22

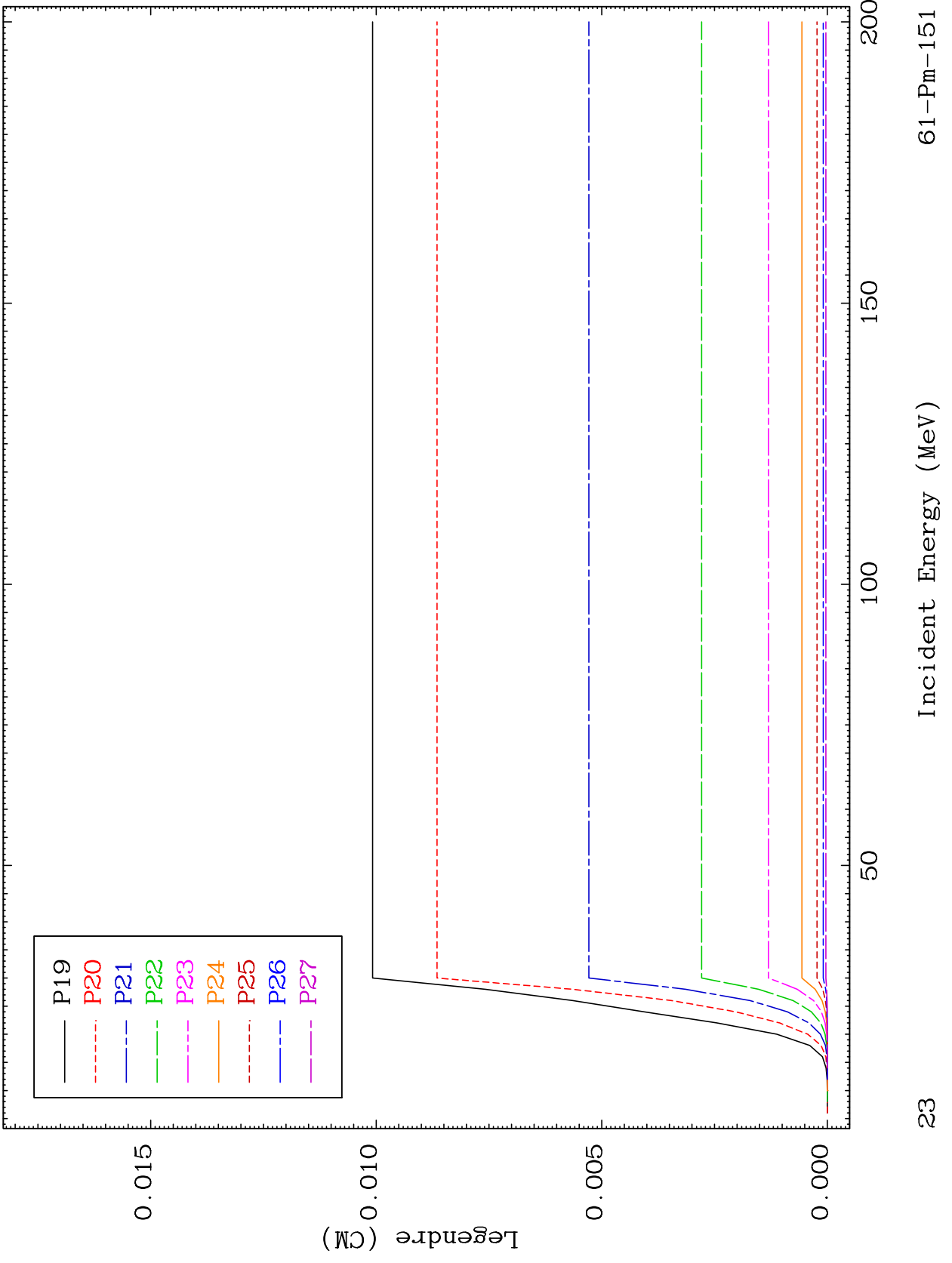
61-Pm-151

61-Pm-151

MAT 6161

MT= 51 (n,n') Level
Legendre Coefficients

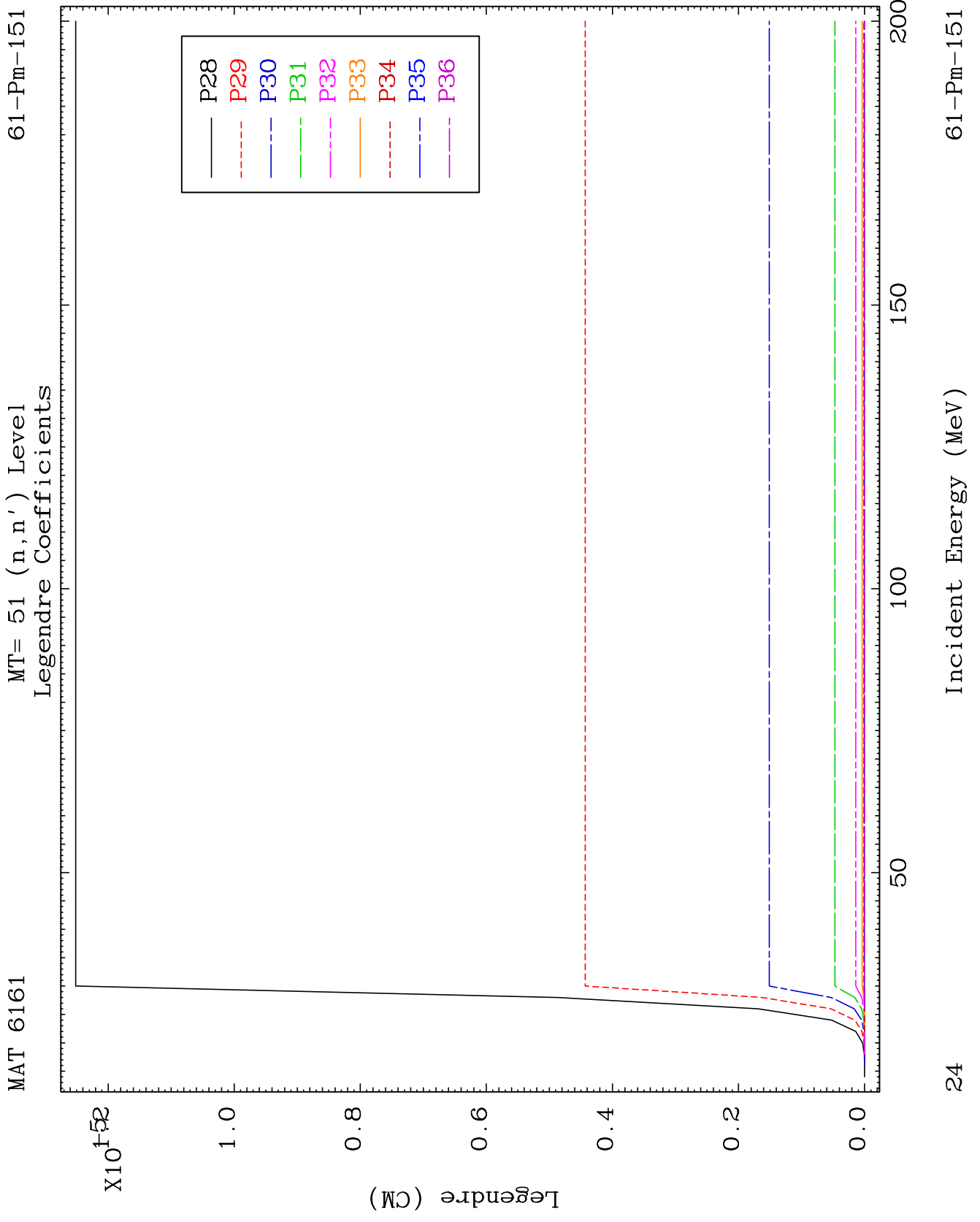
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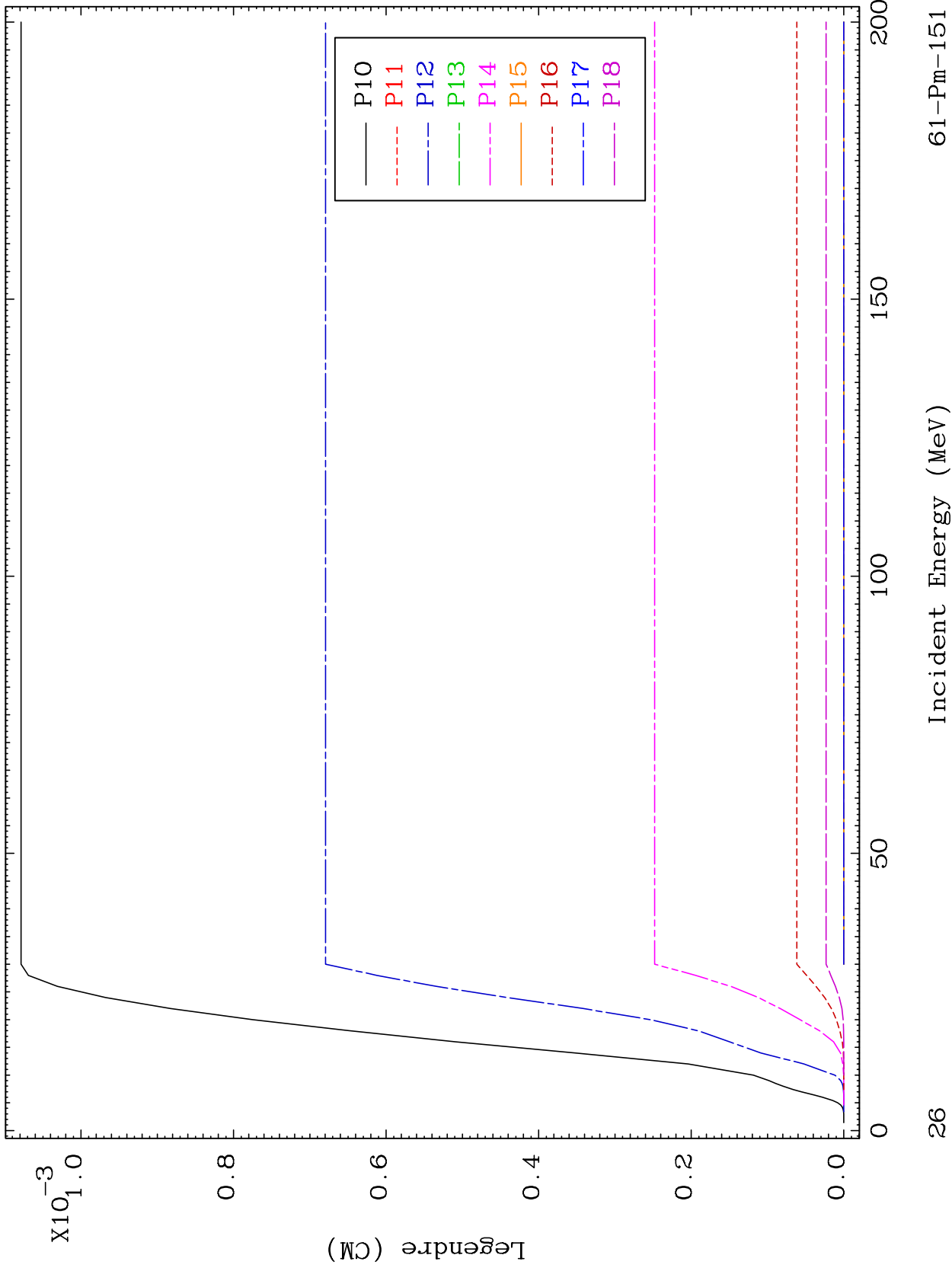


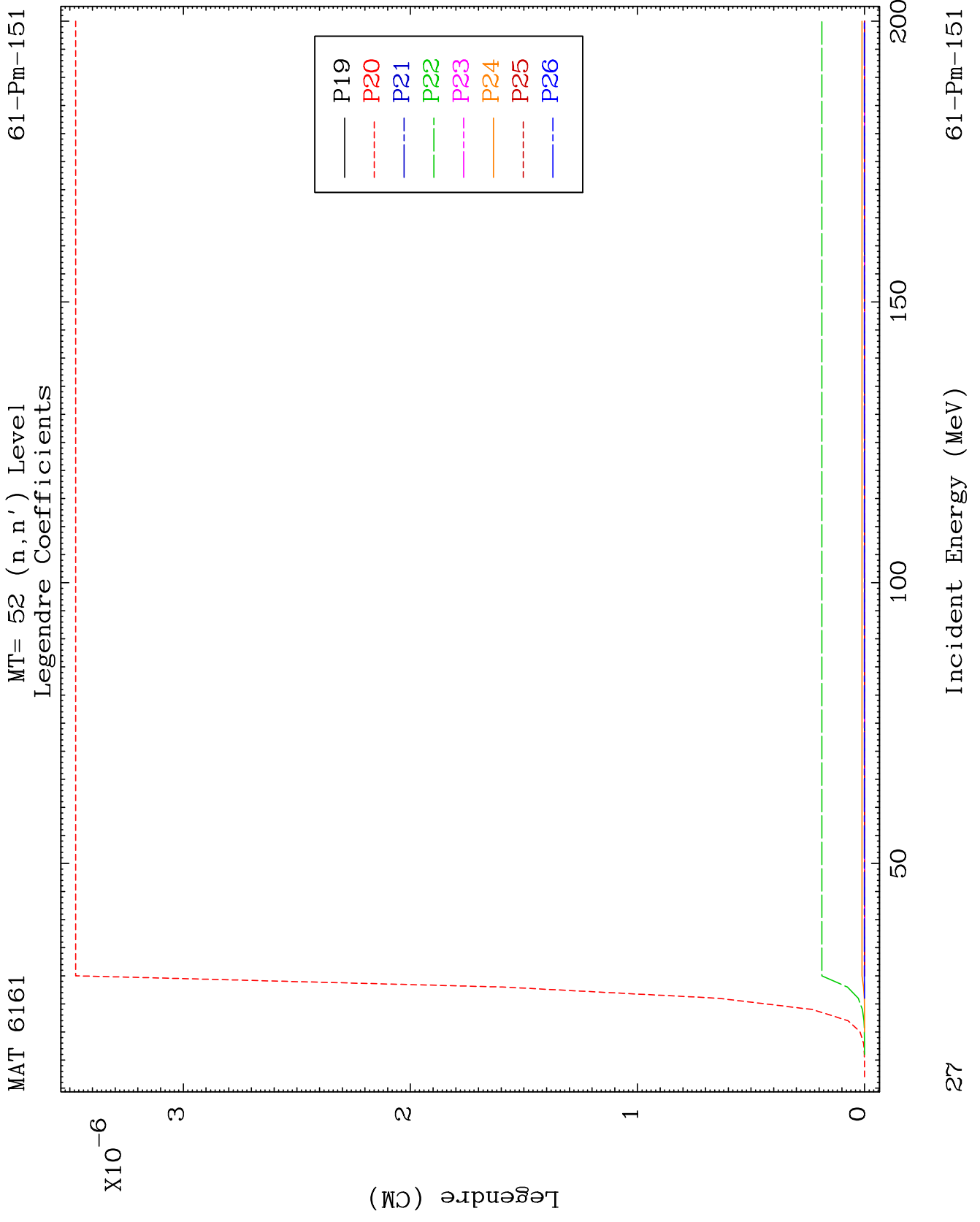
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Incident Energy (MeV)

61-Pm-151



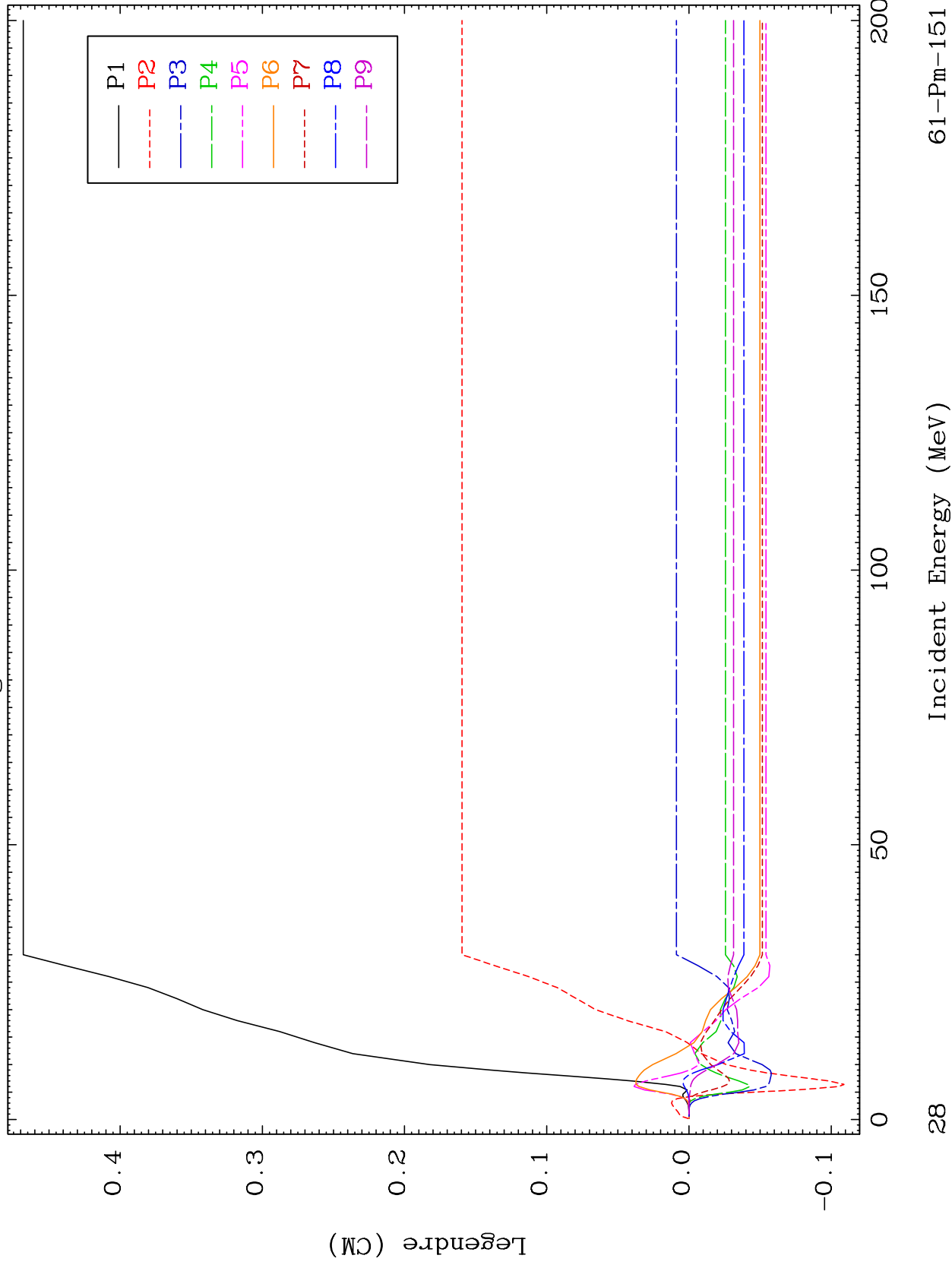




MAT 6161

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

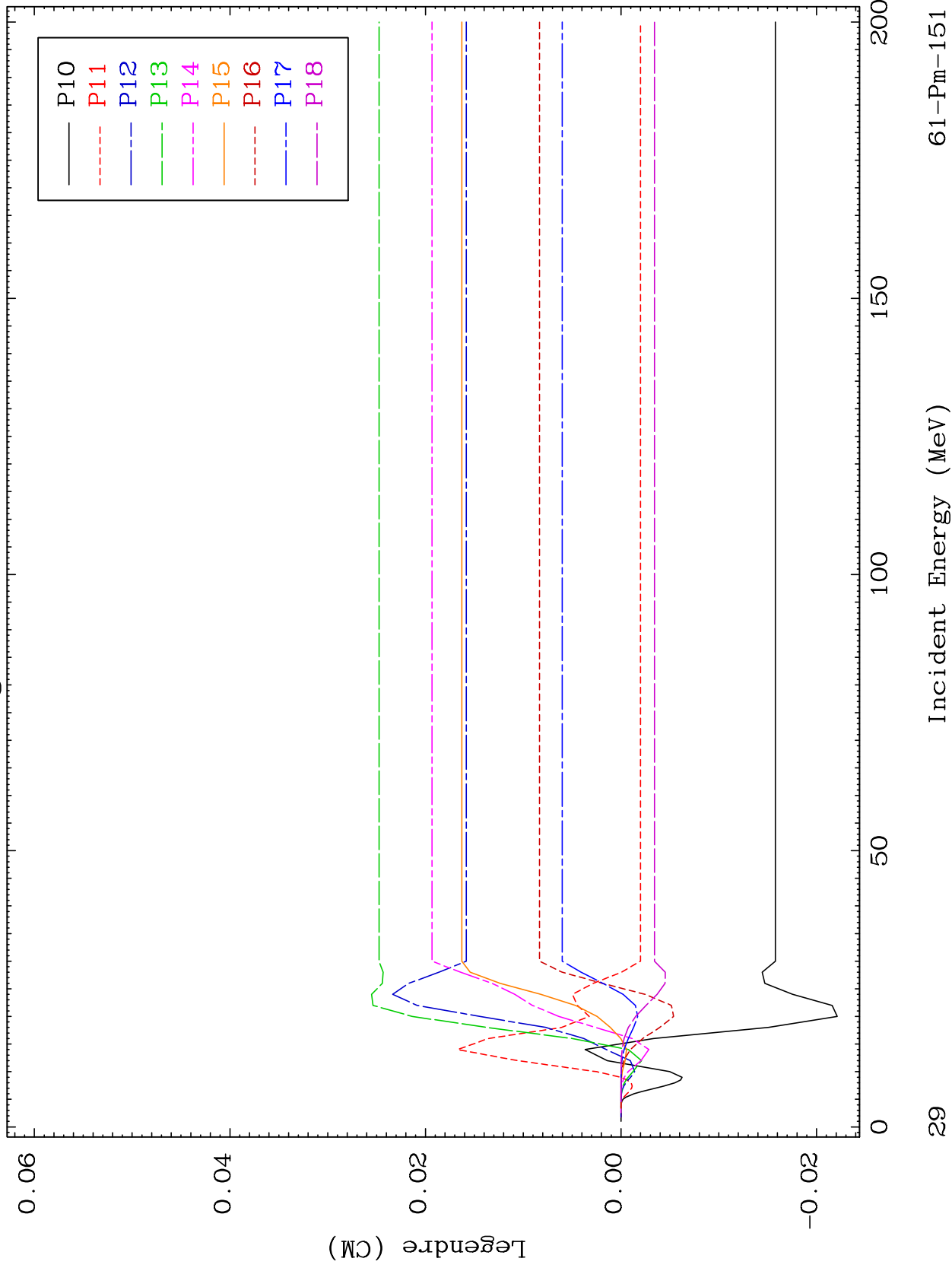
Incident Energy (MeV)

28

MAT 6161

MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-151



29

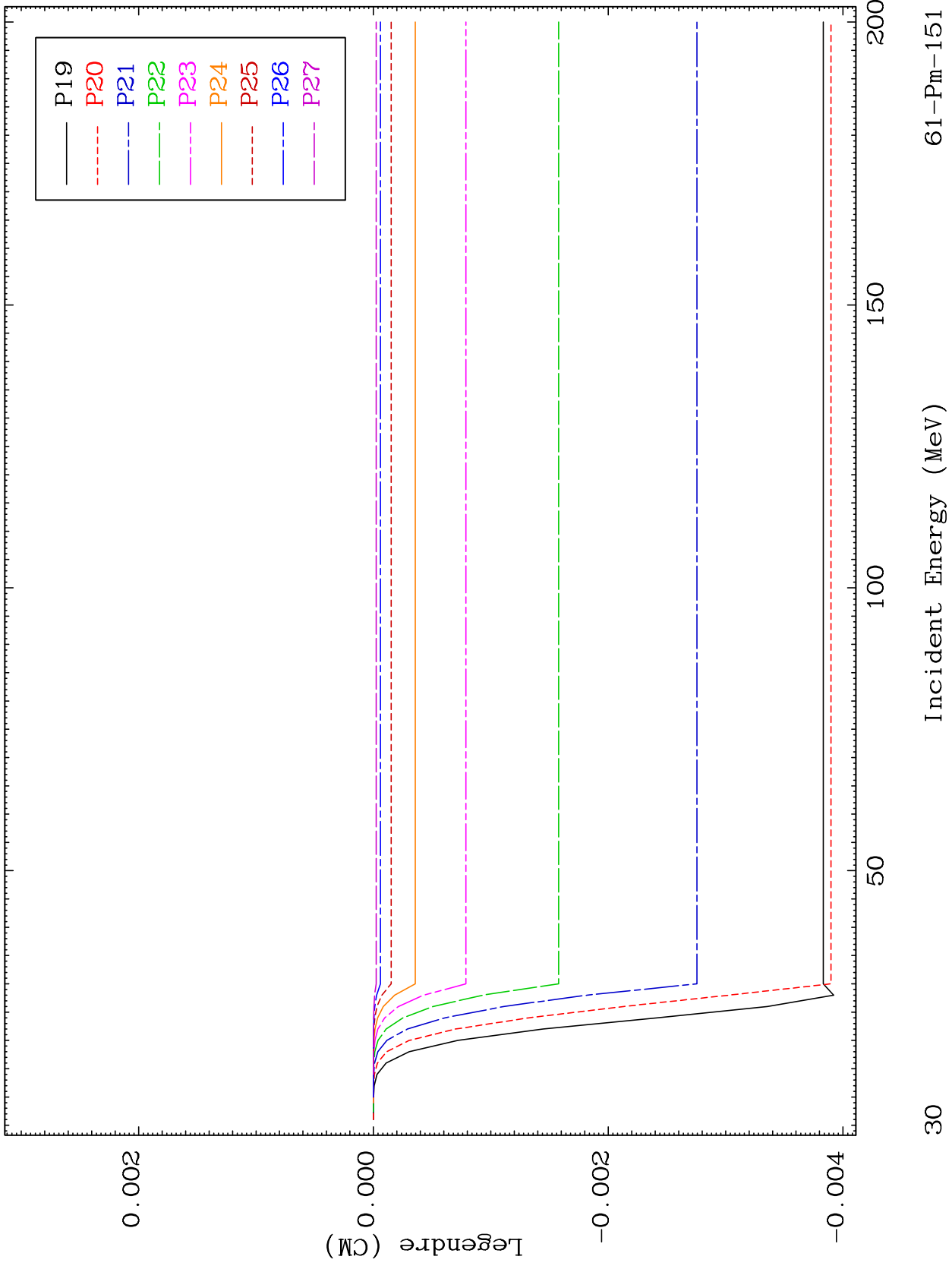
Incident Energy (MeV)

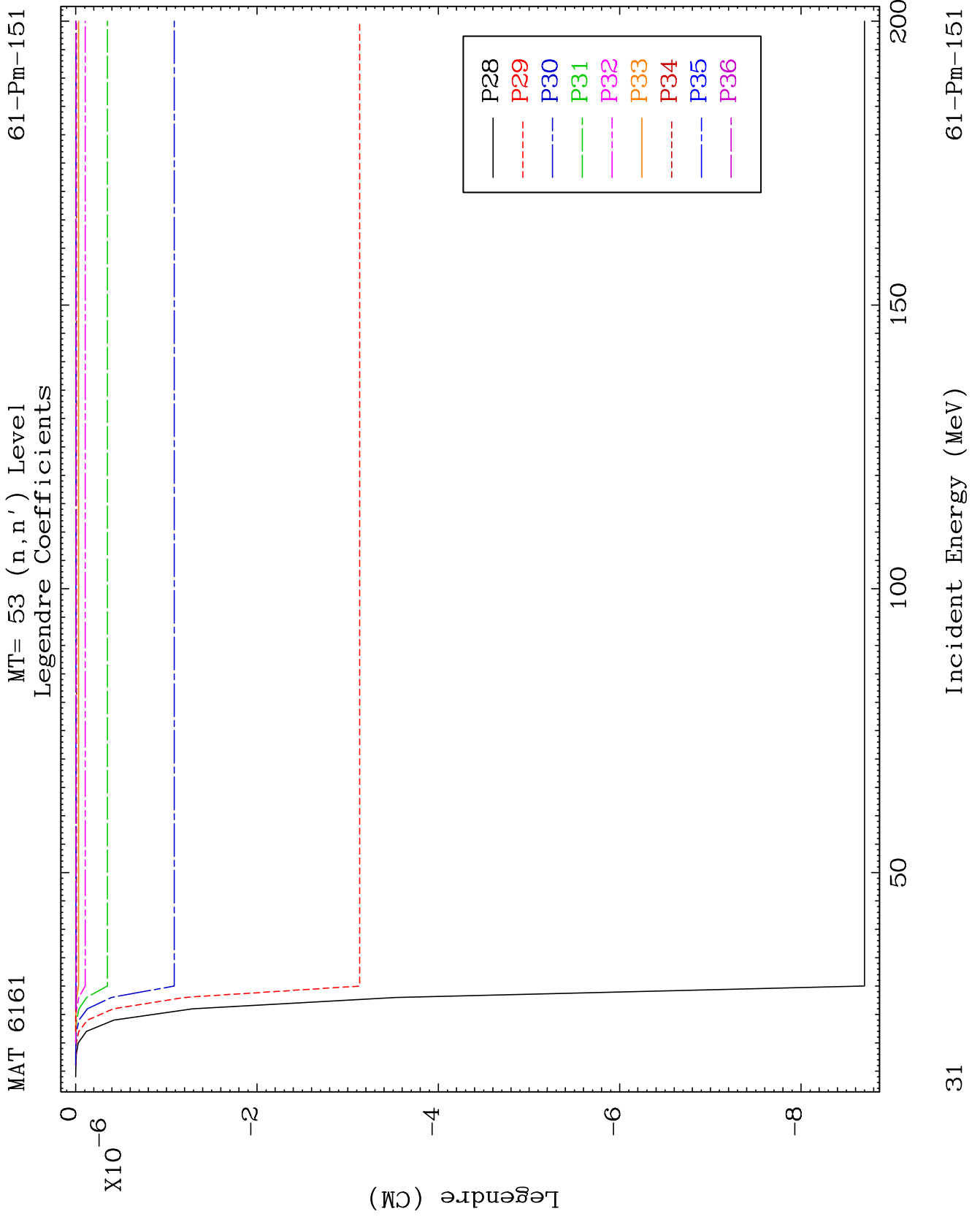
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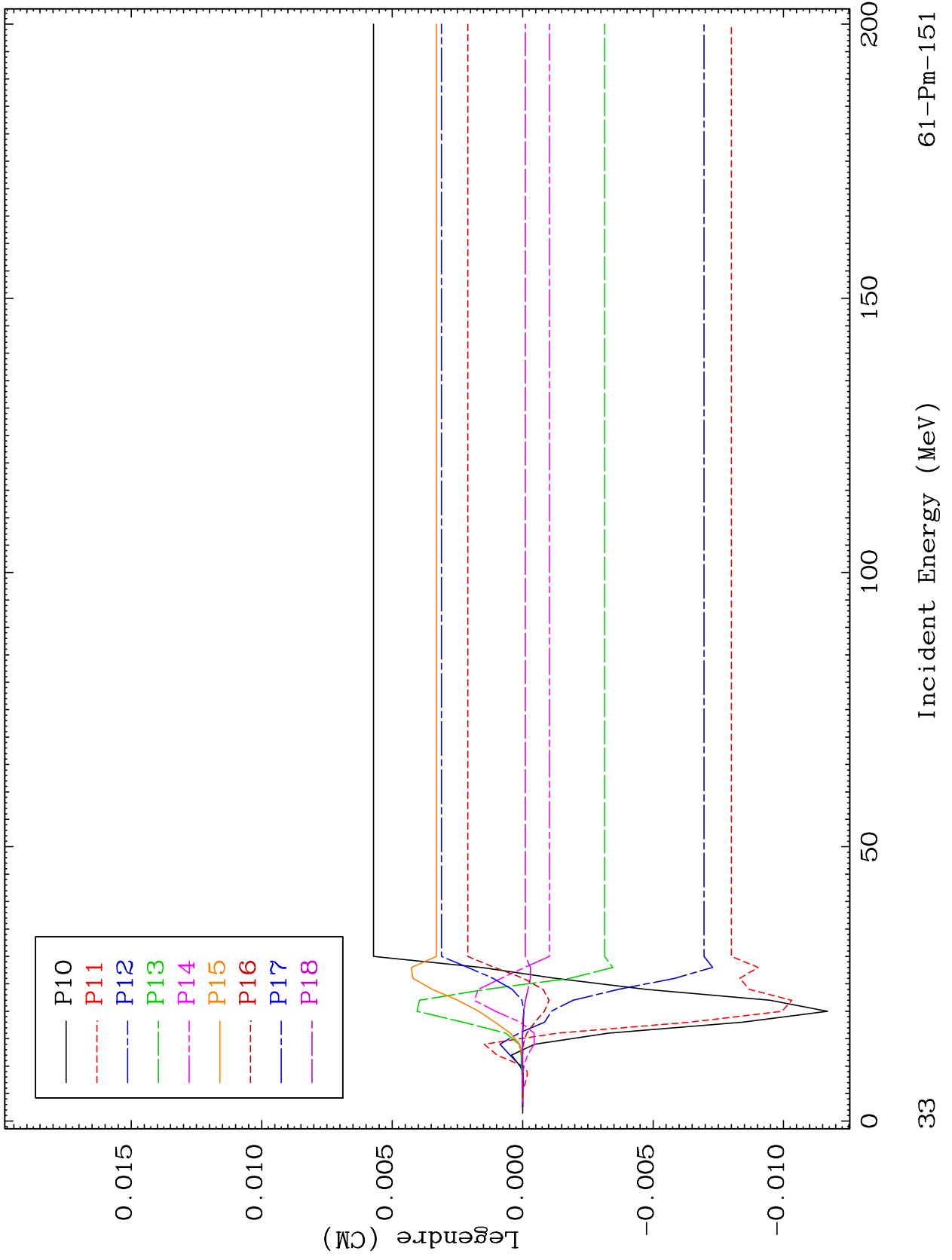
MAT 6161

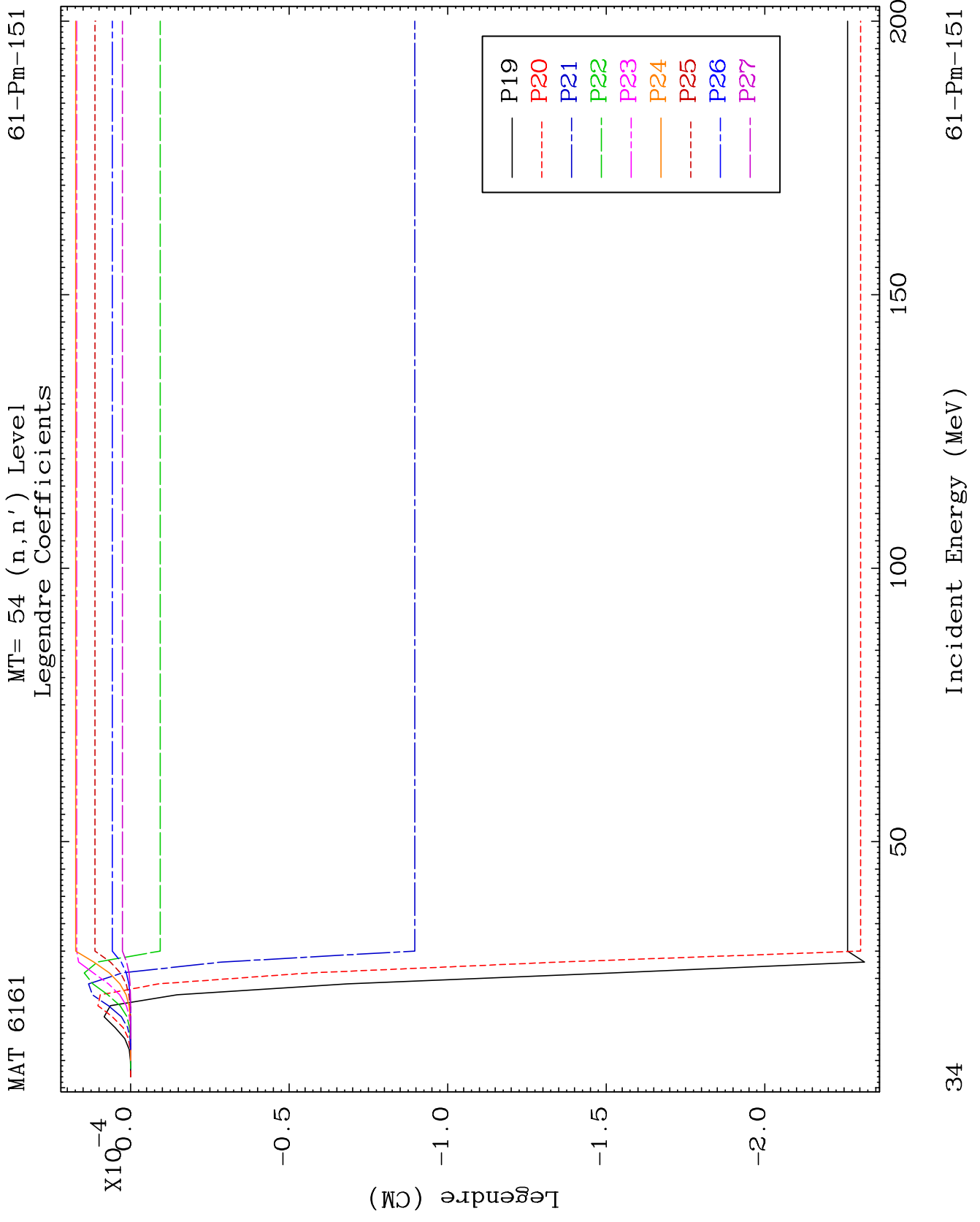
MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-151





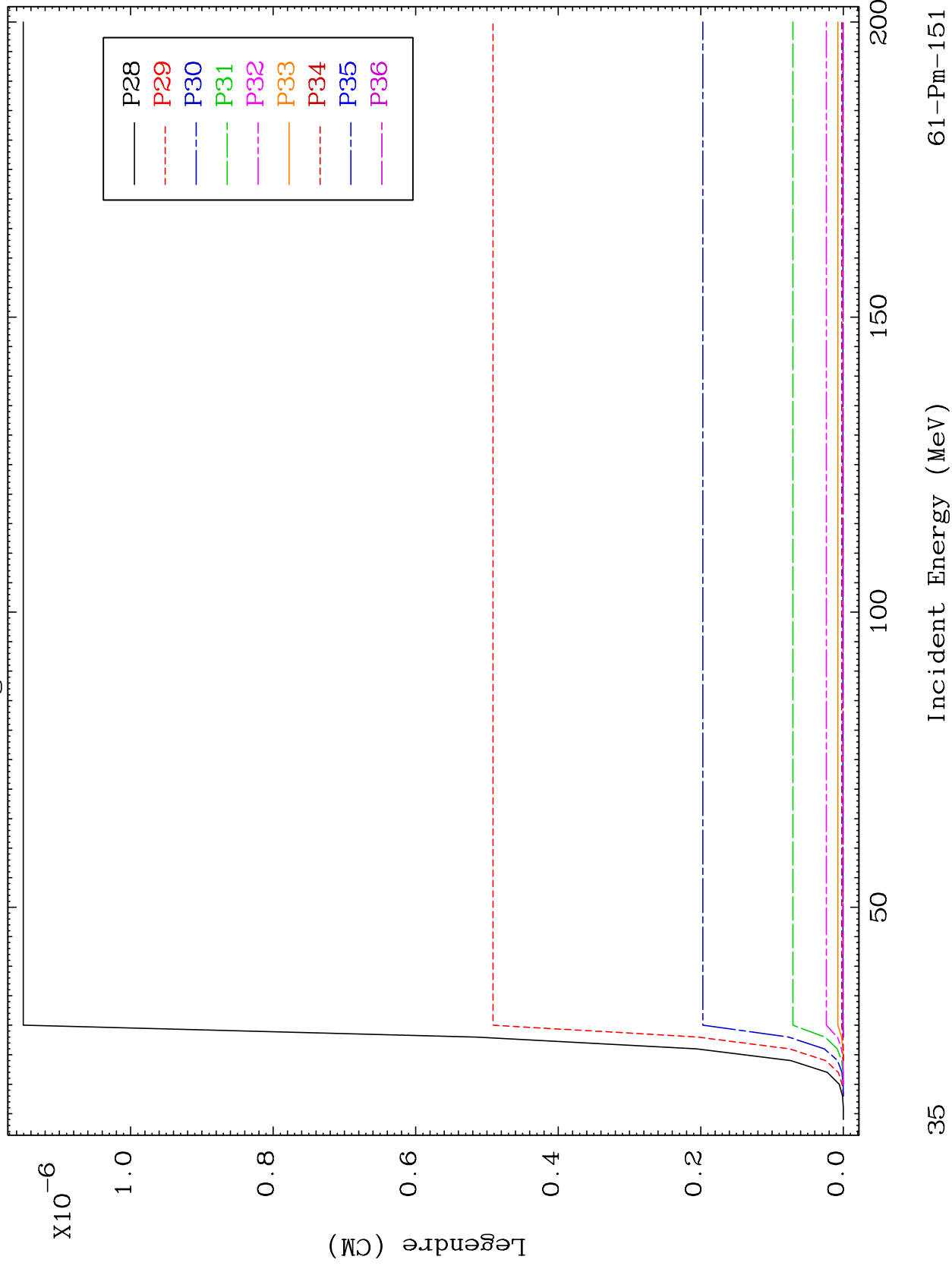




MAT 6161

MT= 54 (n,n') Level
Legendre Coefficients

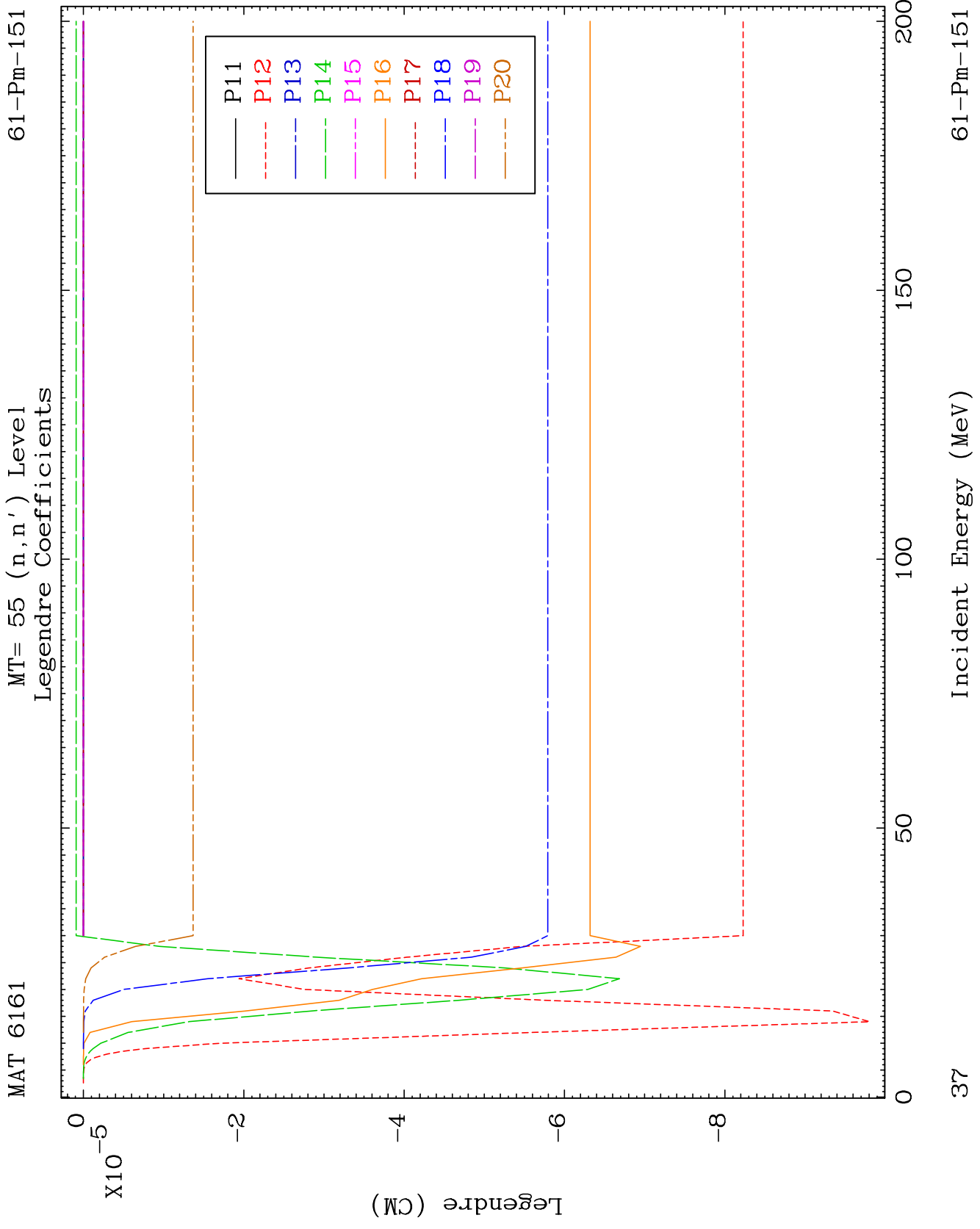
61-Pm-151



35

Incident Energy (MeV)

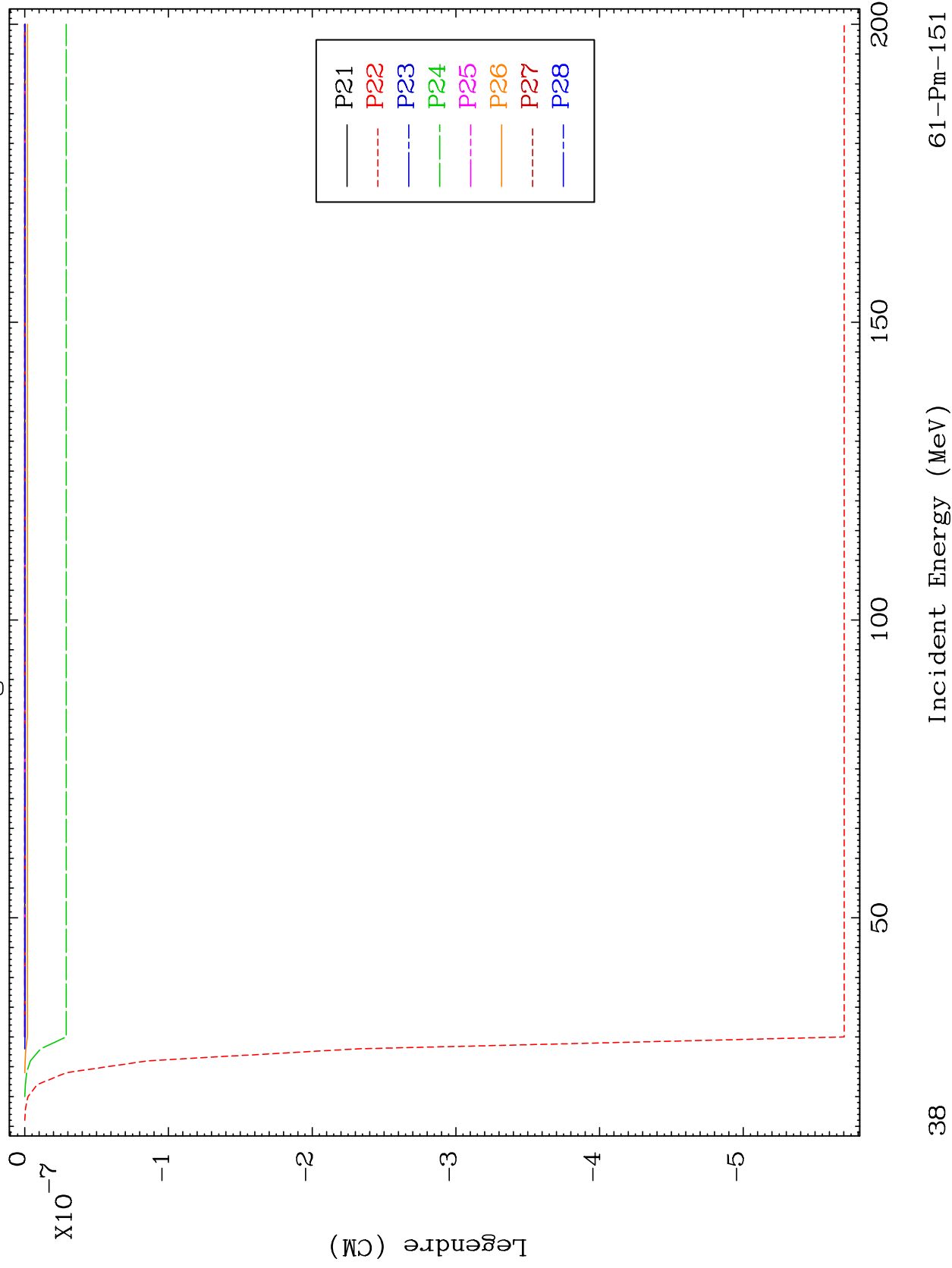
61-Pm-151



MAT 6161

MT= 55 (n,n') Level
Legendre Coefficients

61-Pm-151



38

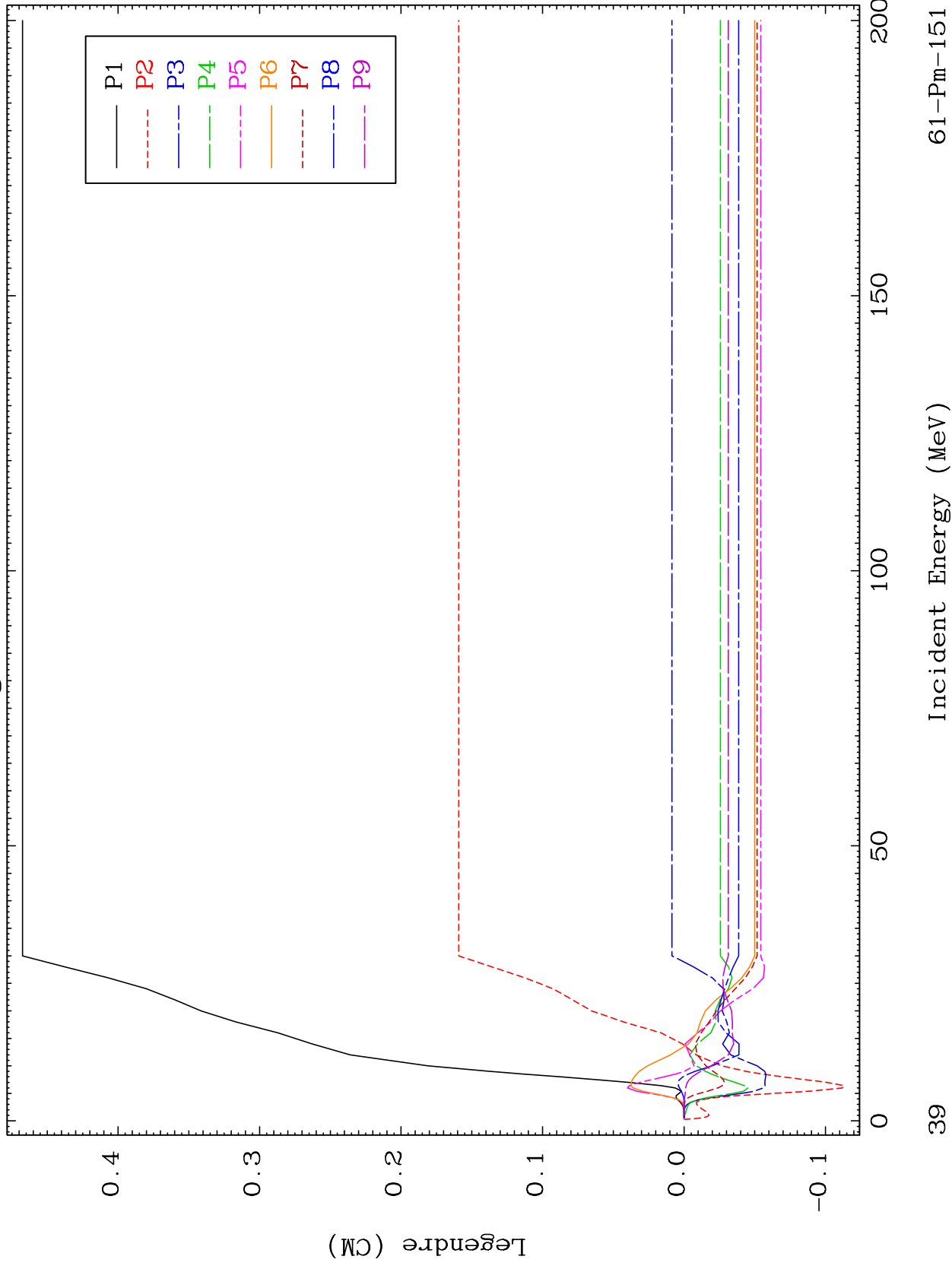
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-151

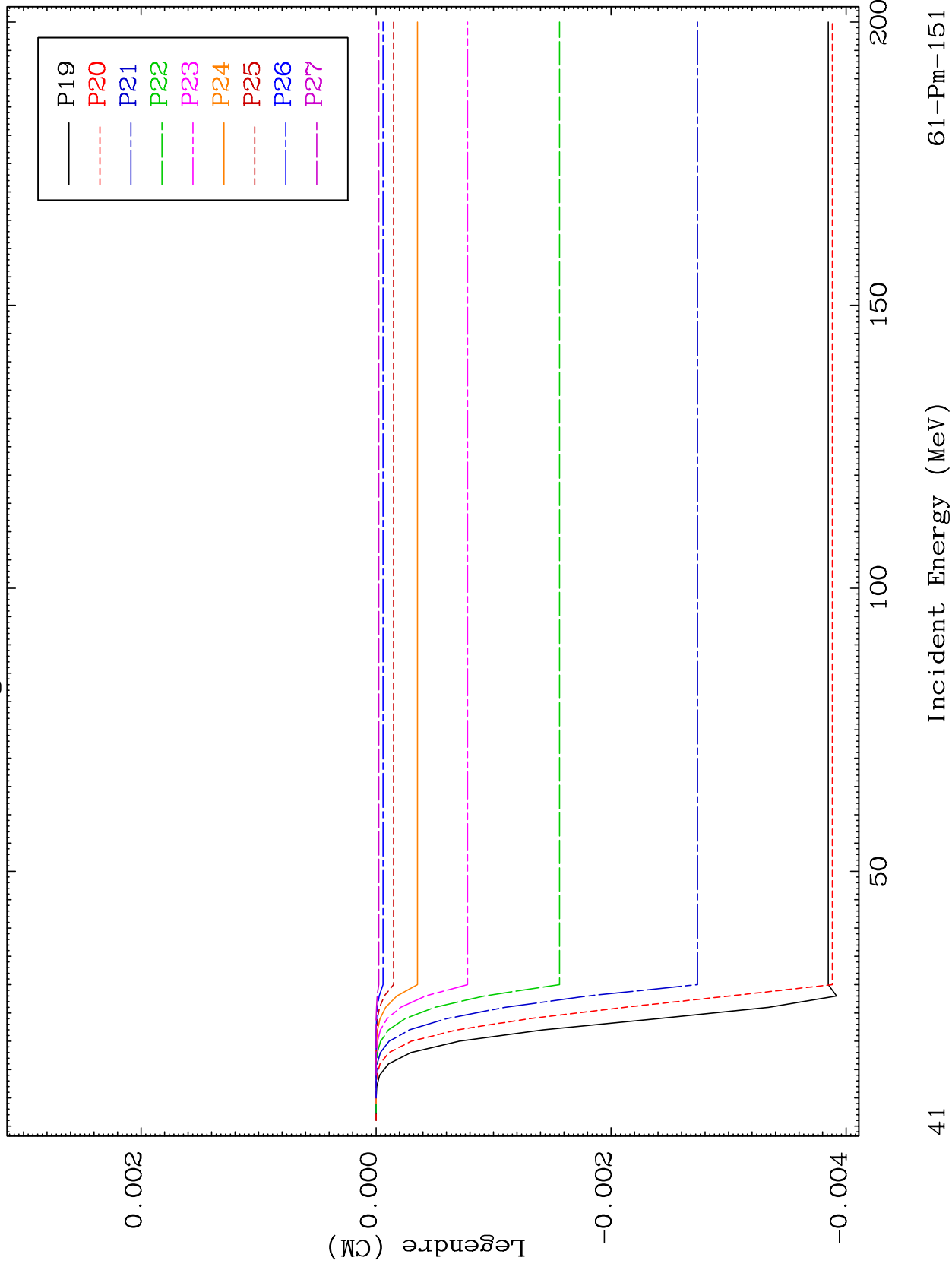


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MAT 6161

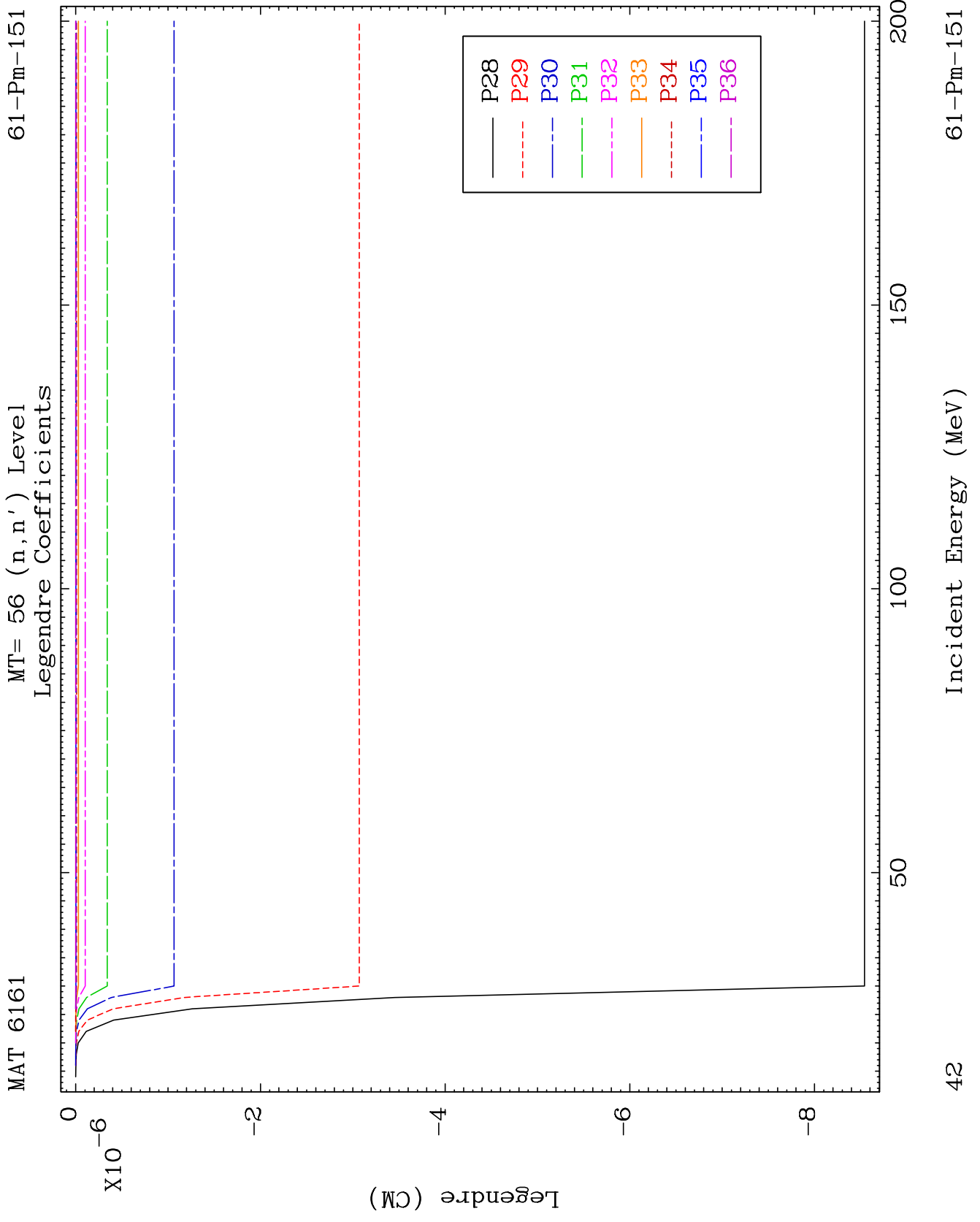
MT= 56 (n,n') Level
Legendre Coefficients

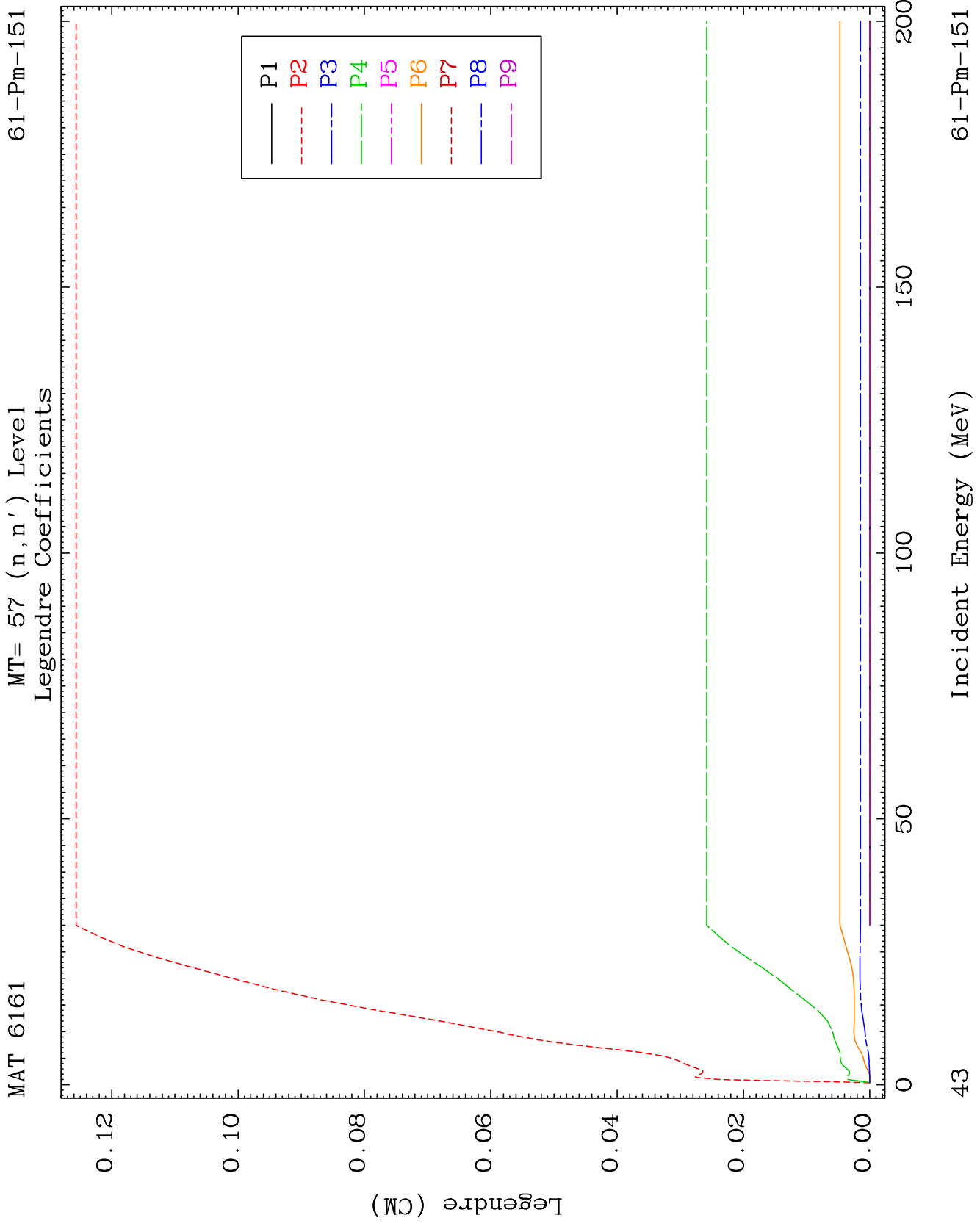
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41

61-Pm-151

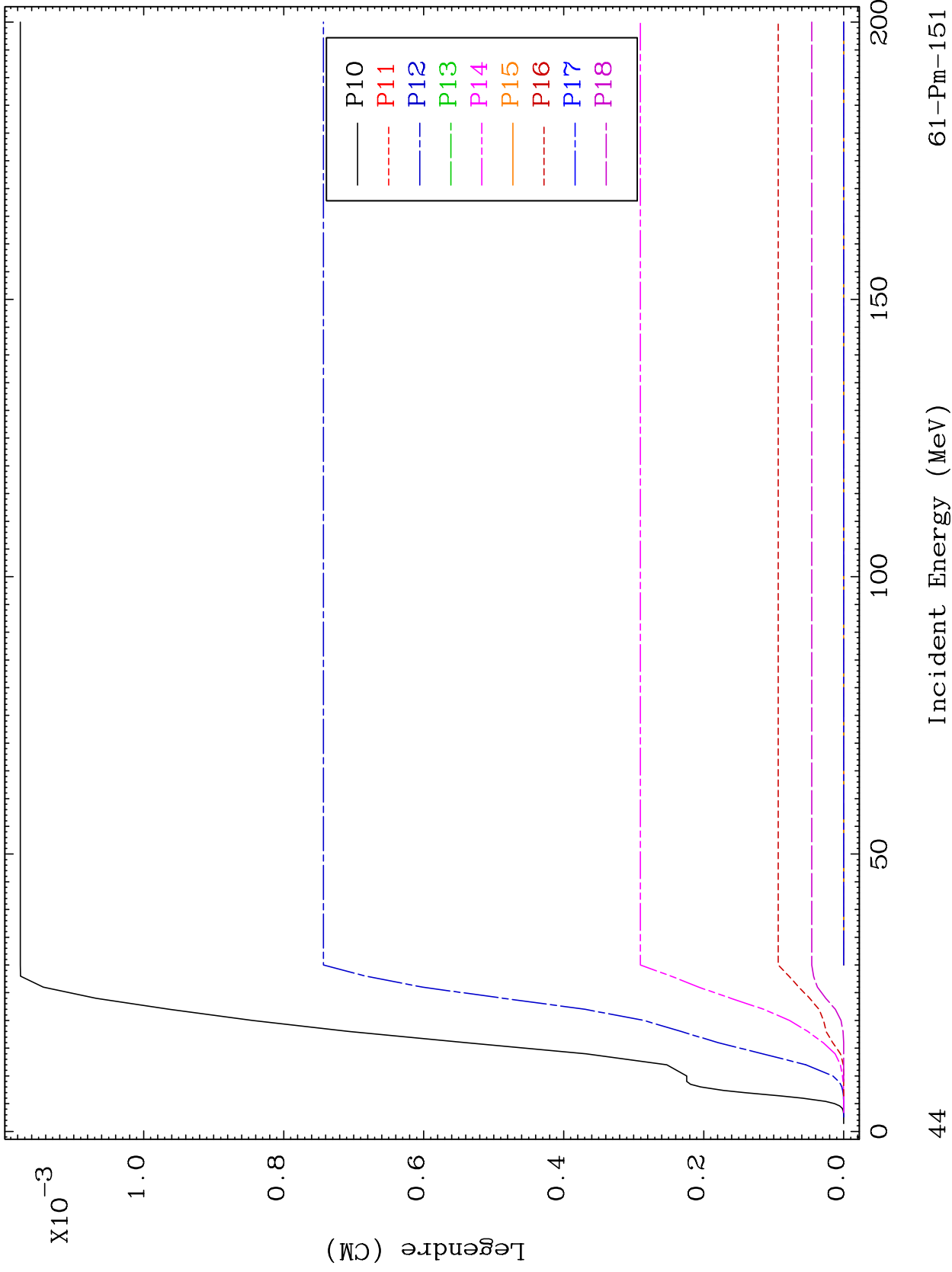




MAT 6161

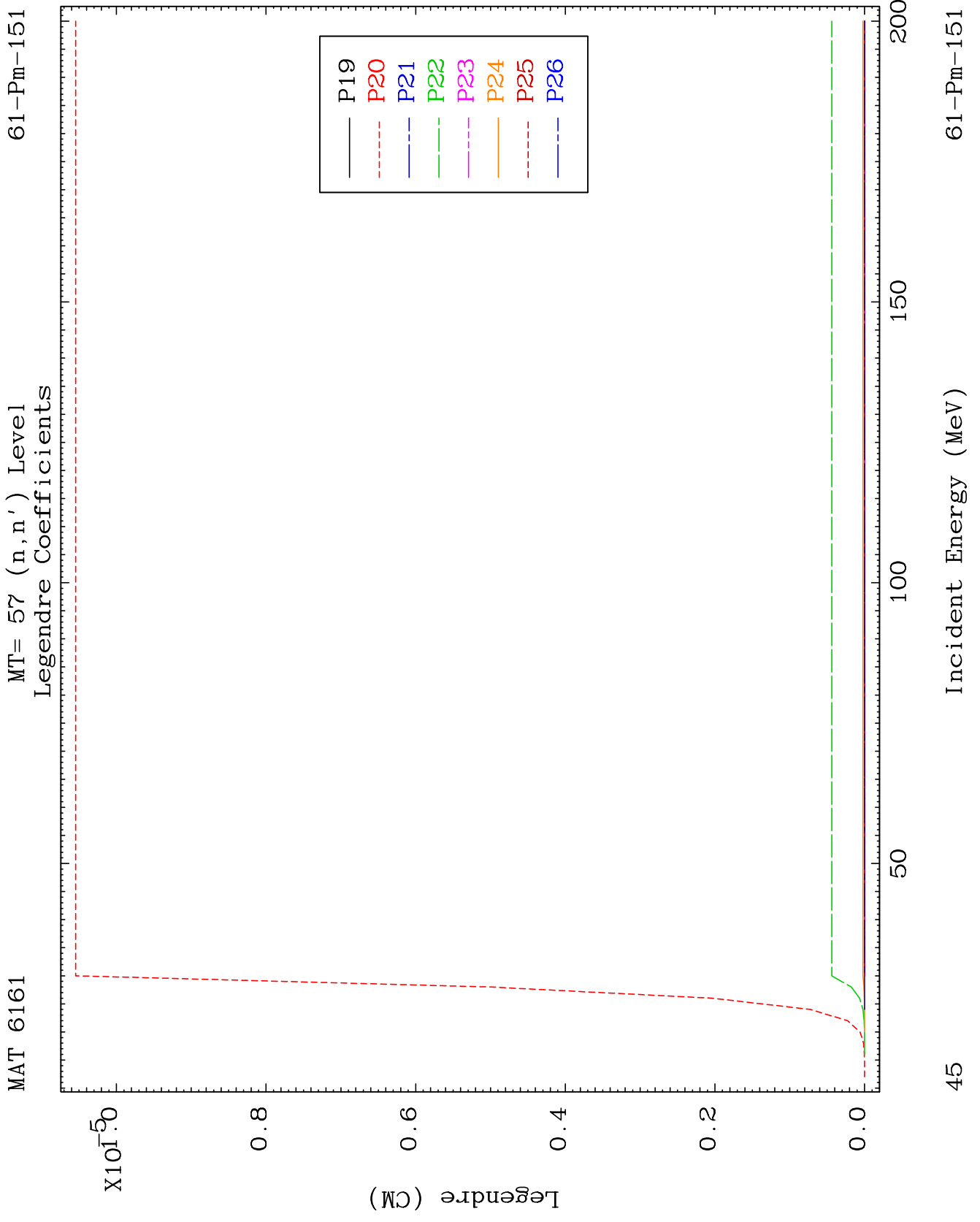
MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-151



44

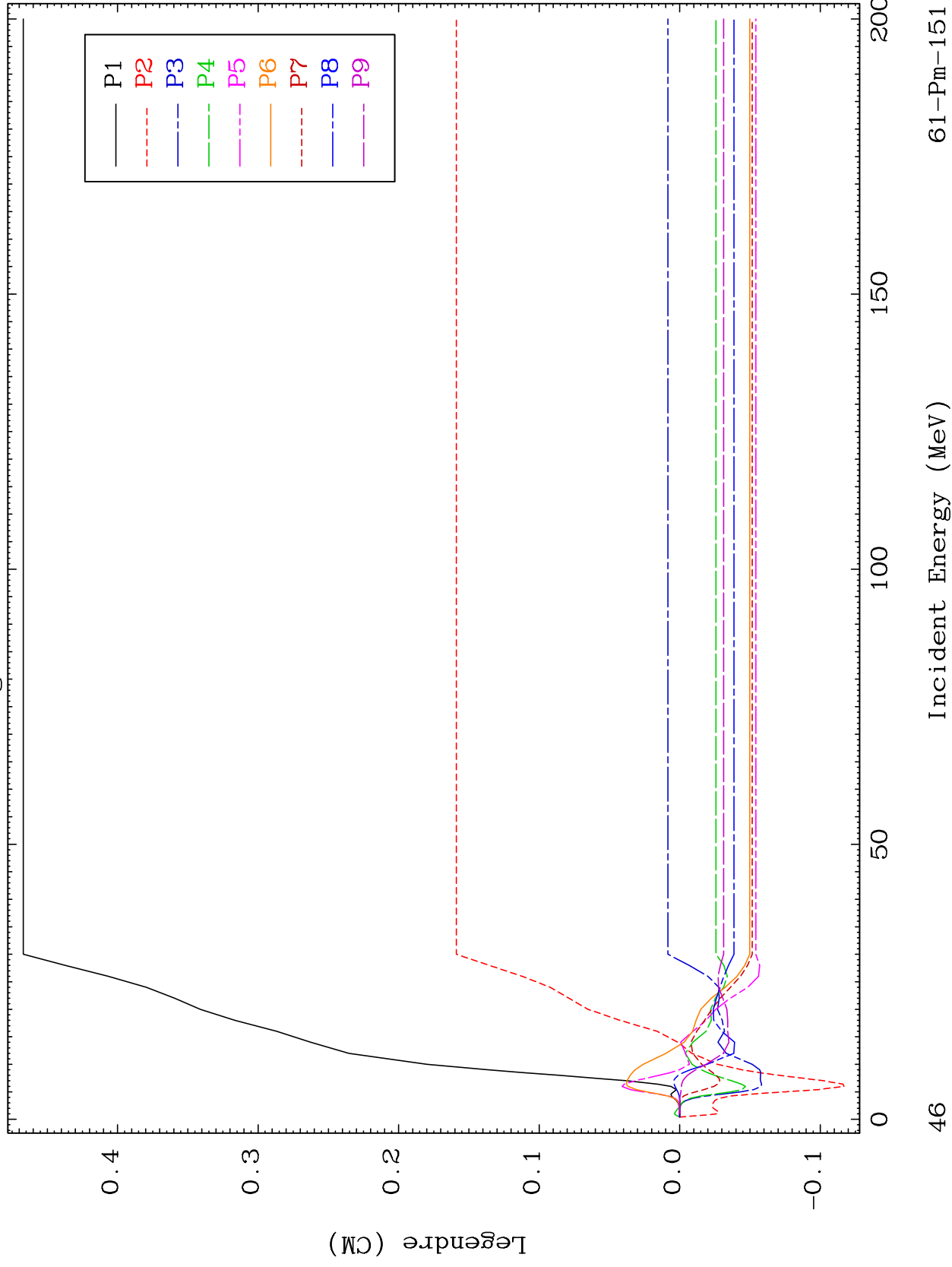
61-Pm-151



MAT 6161

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

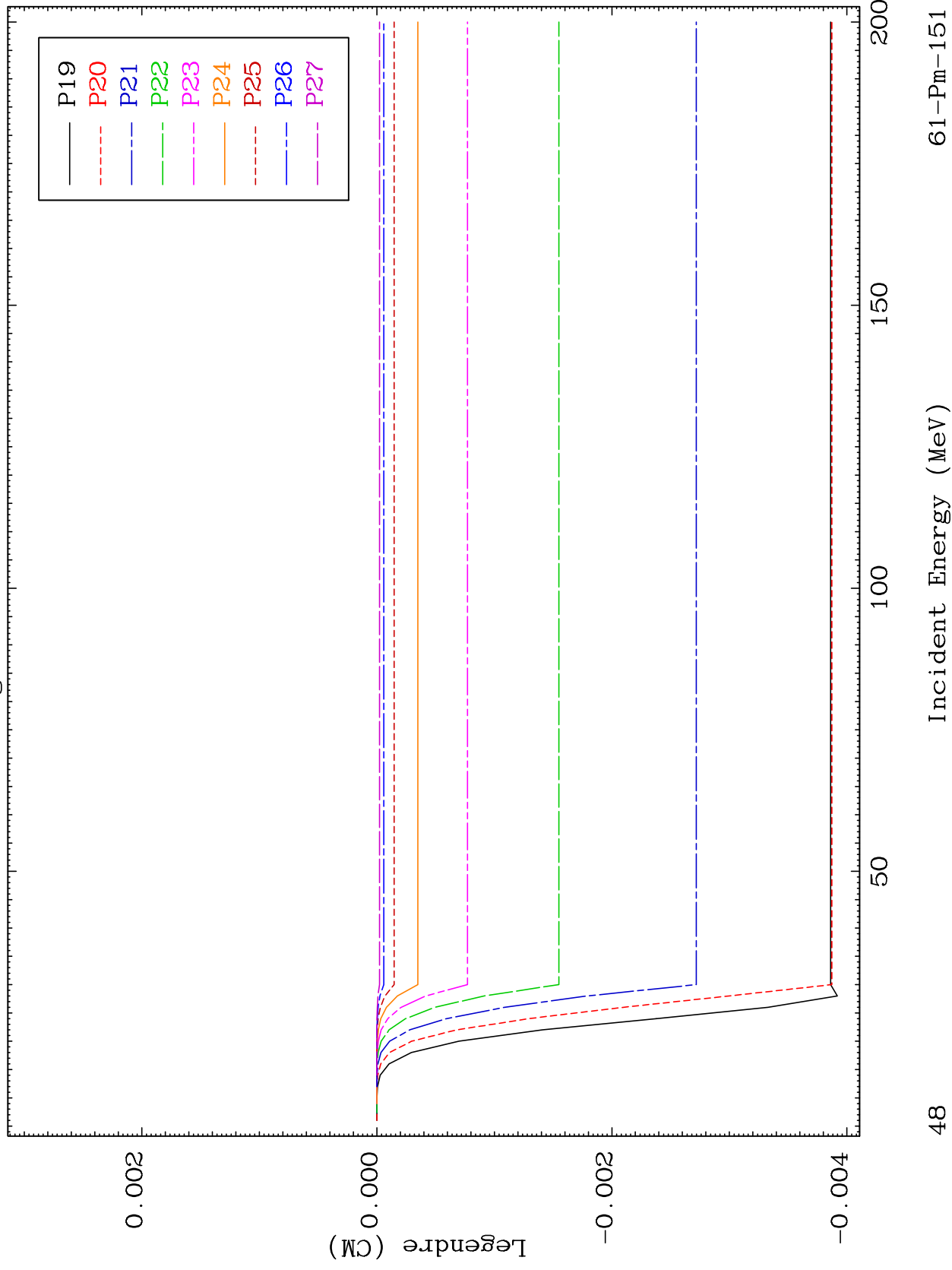
Incident Energy (MeV)

46

MAT 6161

MT= 58 (n,n') Level
Legendre Coefficients

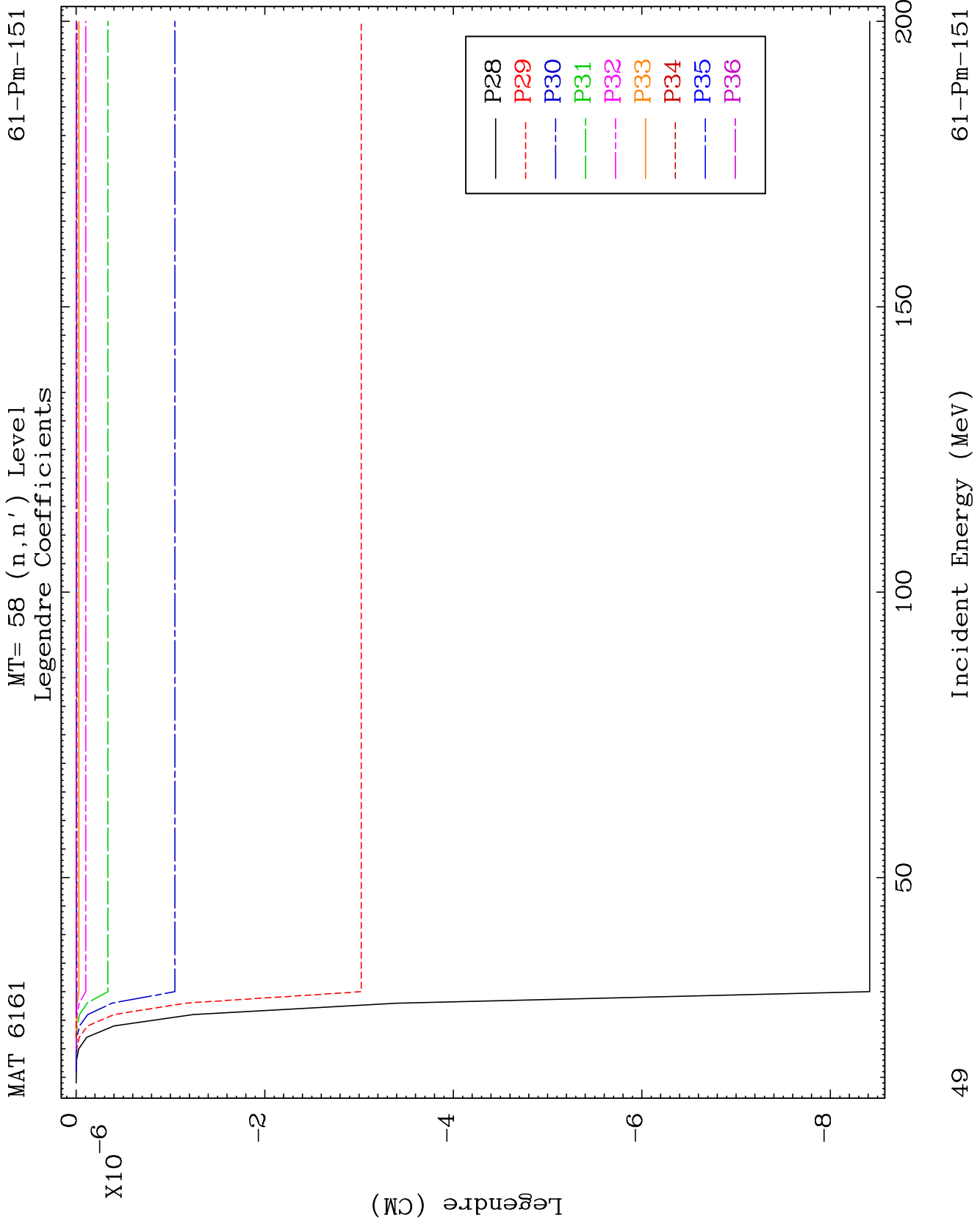
61-Pm-151



48

Incident Energy (MeV)

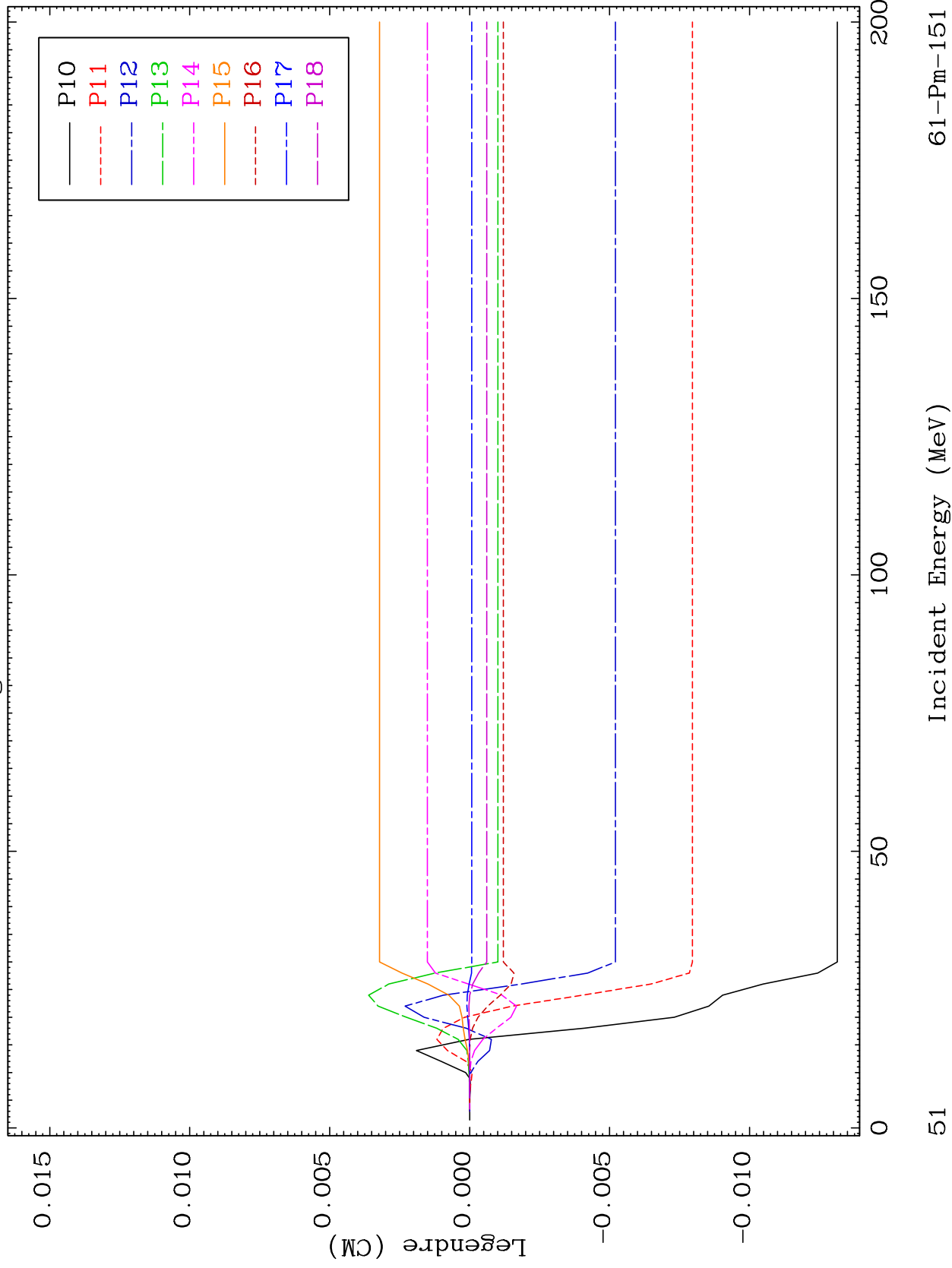
61-Pm-151



MAT 6161

MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-151



51

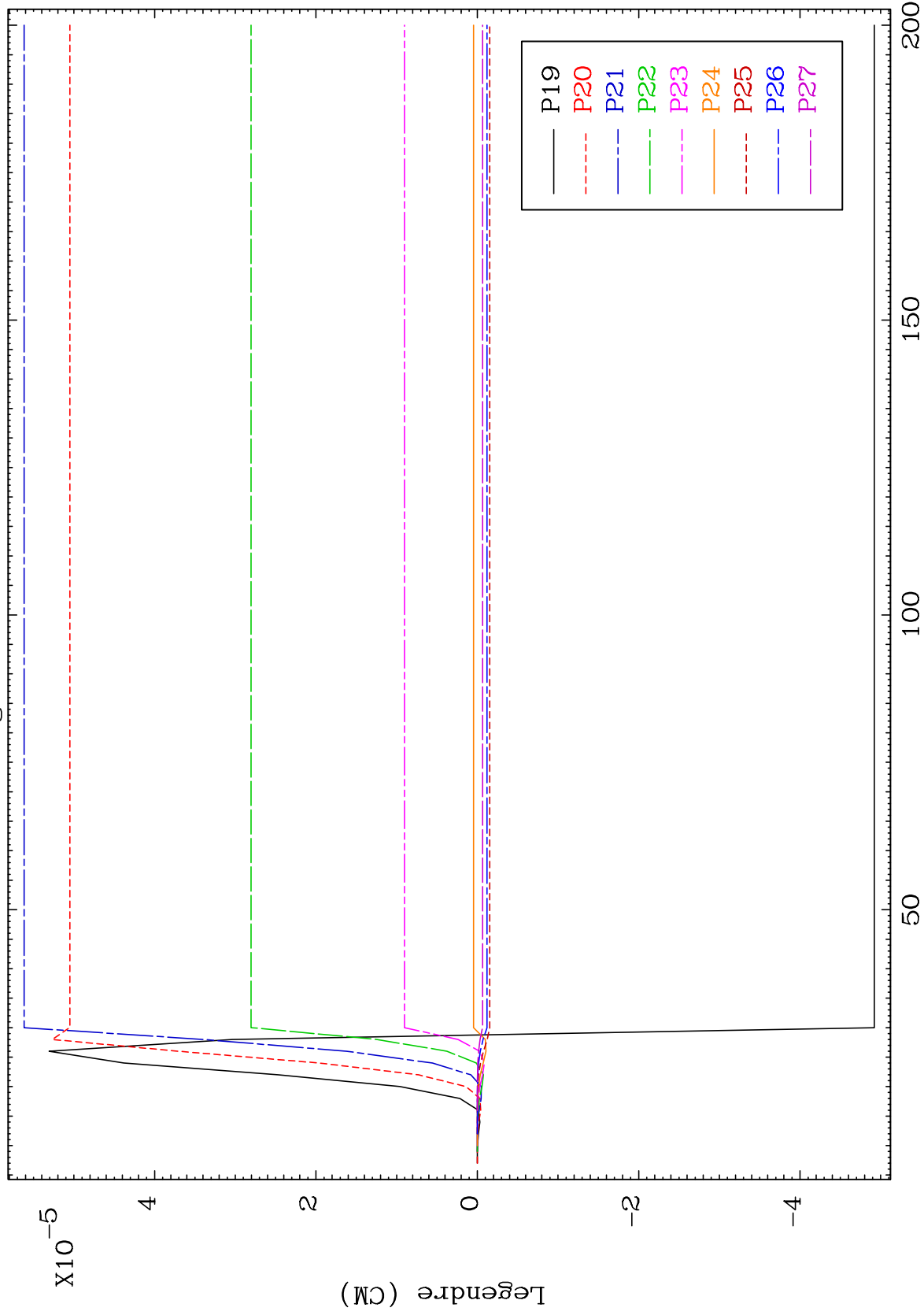
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 59 (n,n') Level
Legendre Coefficients

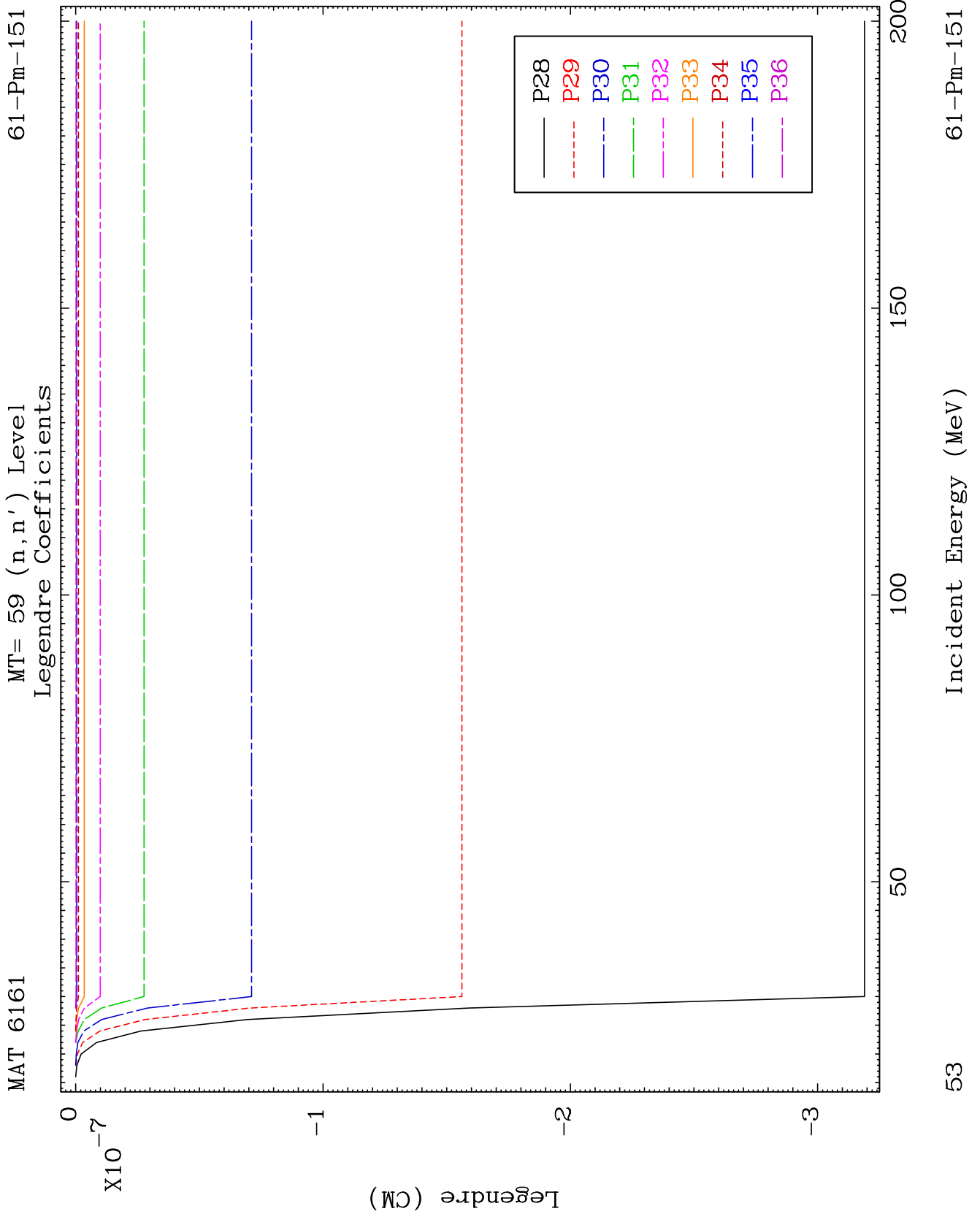
61-Pm-151



52

61-Pm-151

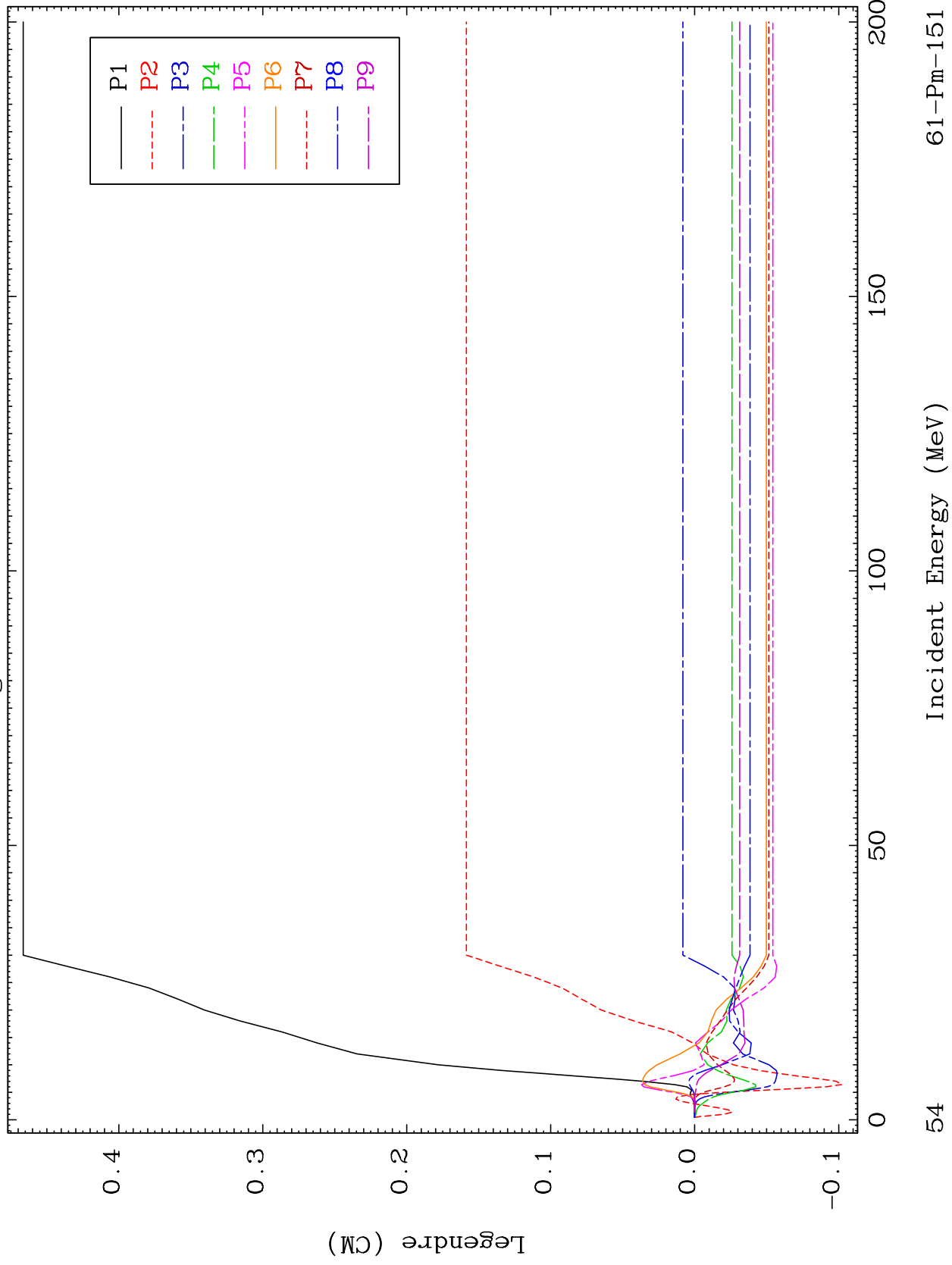
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MAT 6161

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-151



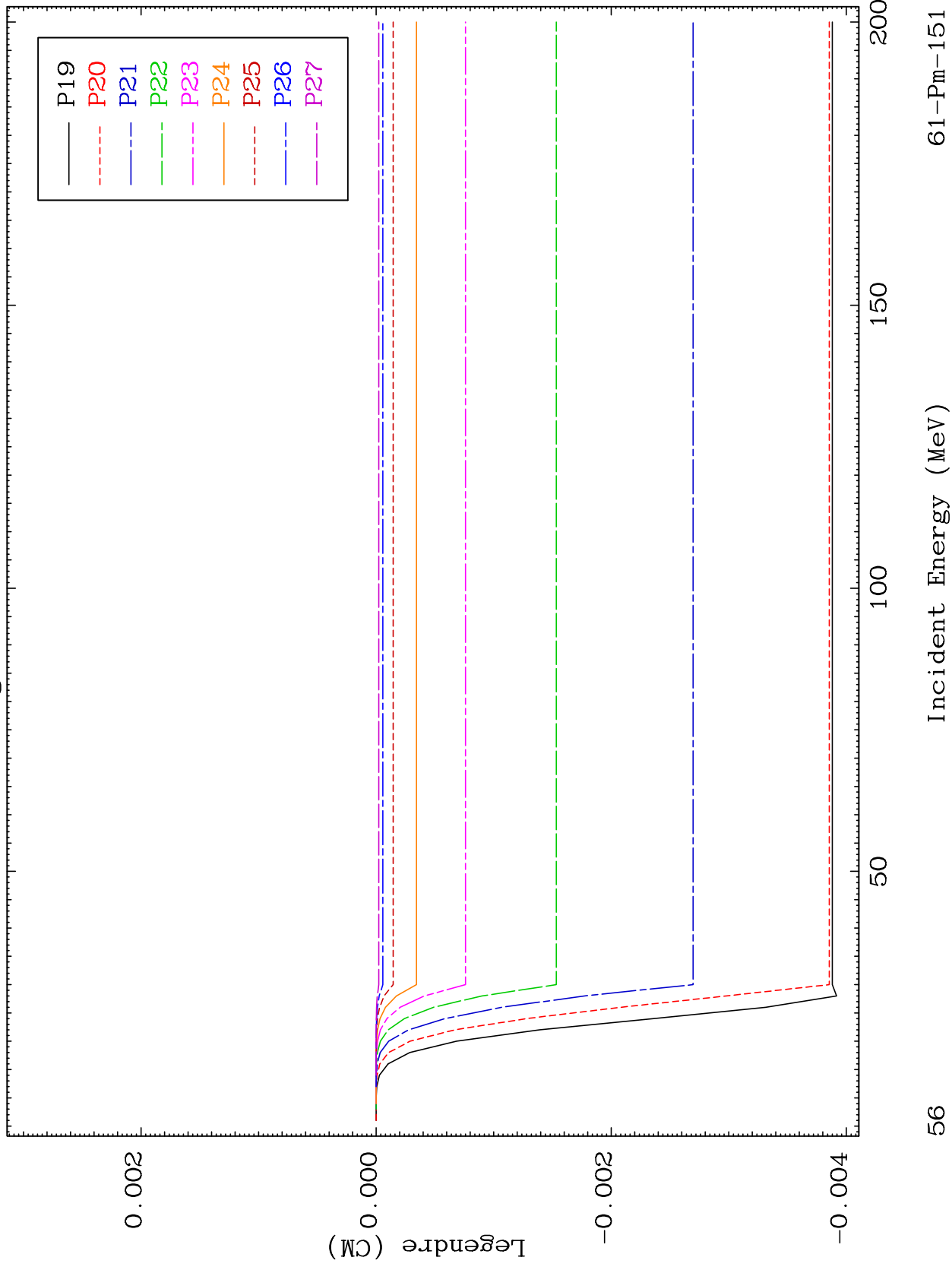
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61-Pm-151

MAT 6161

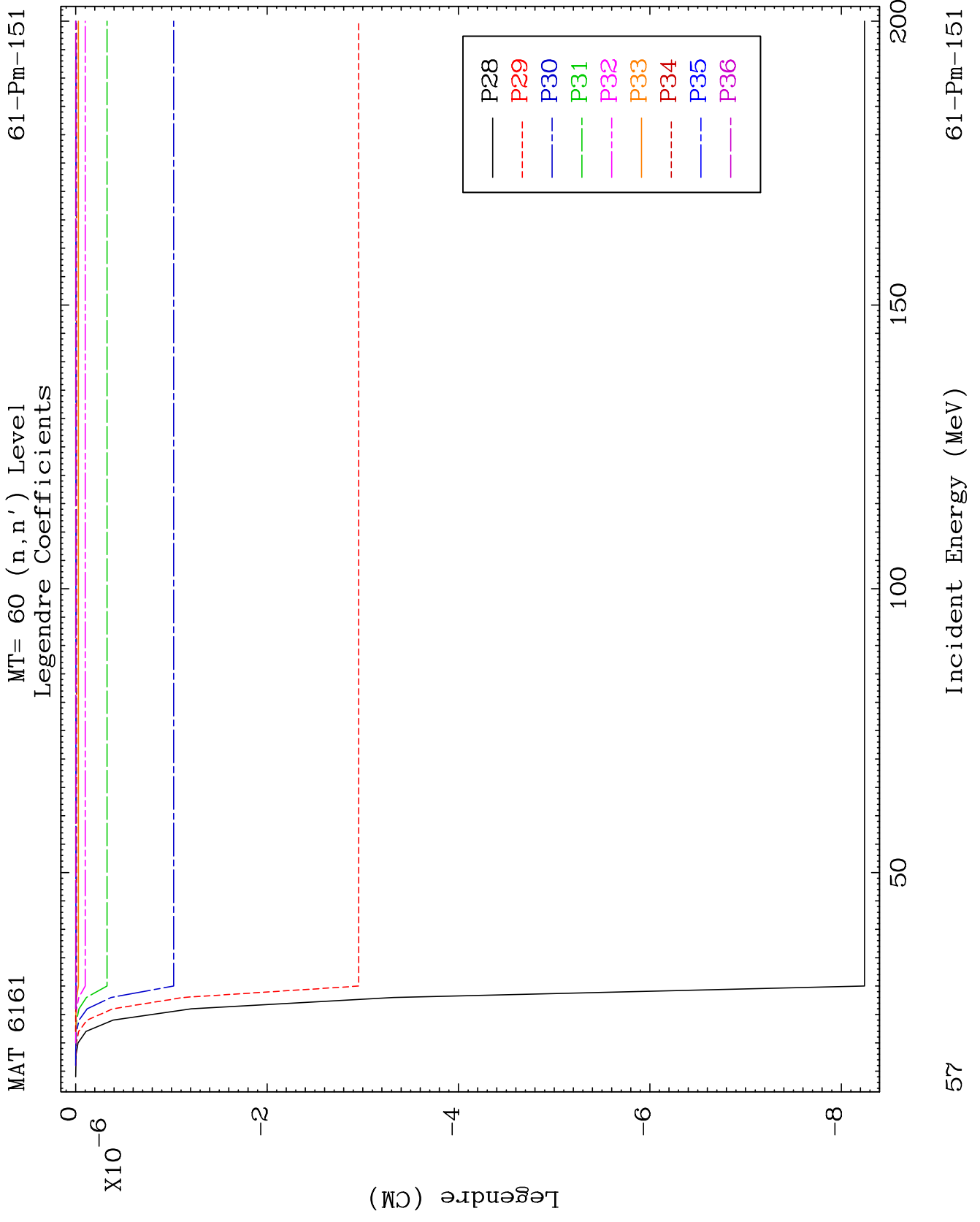
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Legendre Coefficients

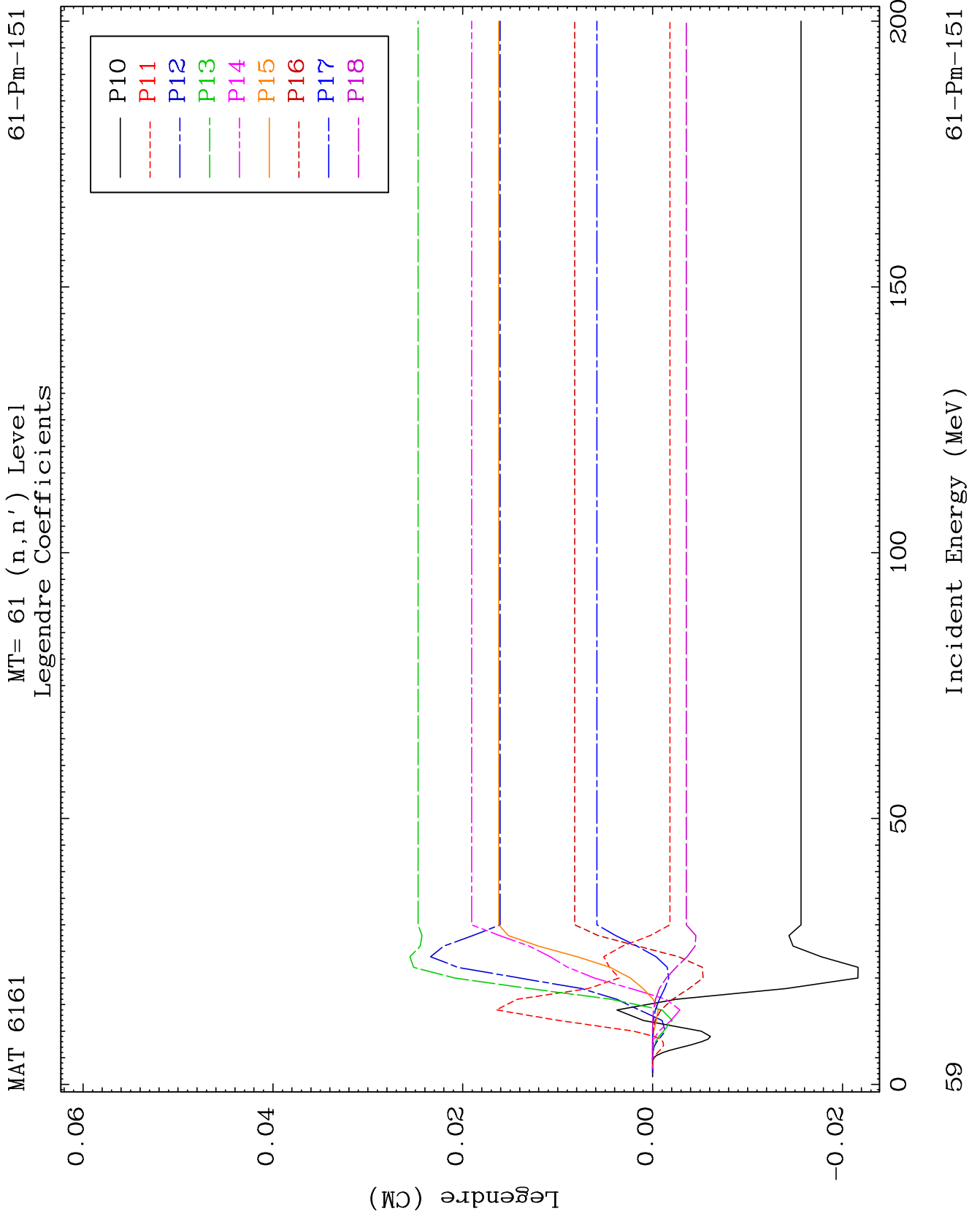
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56

61-Pm-151

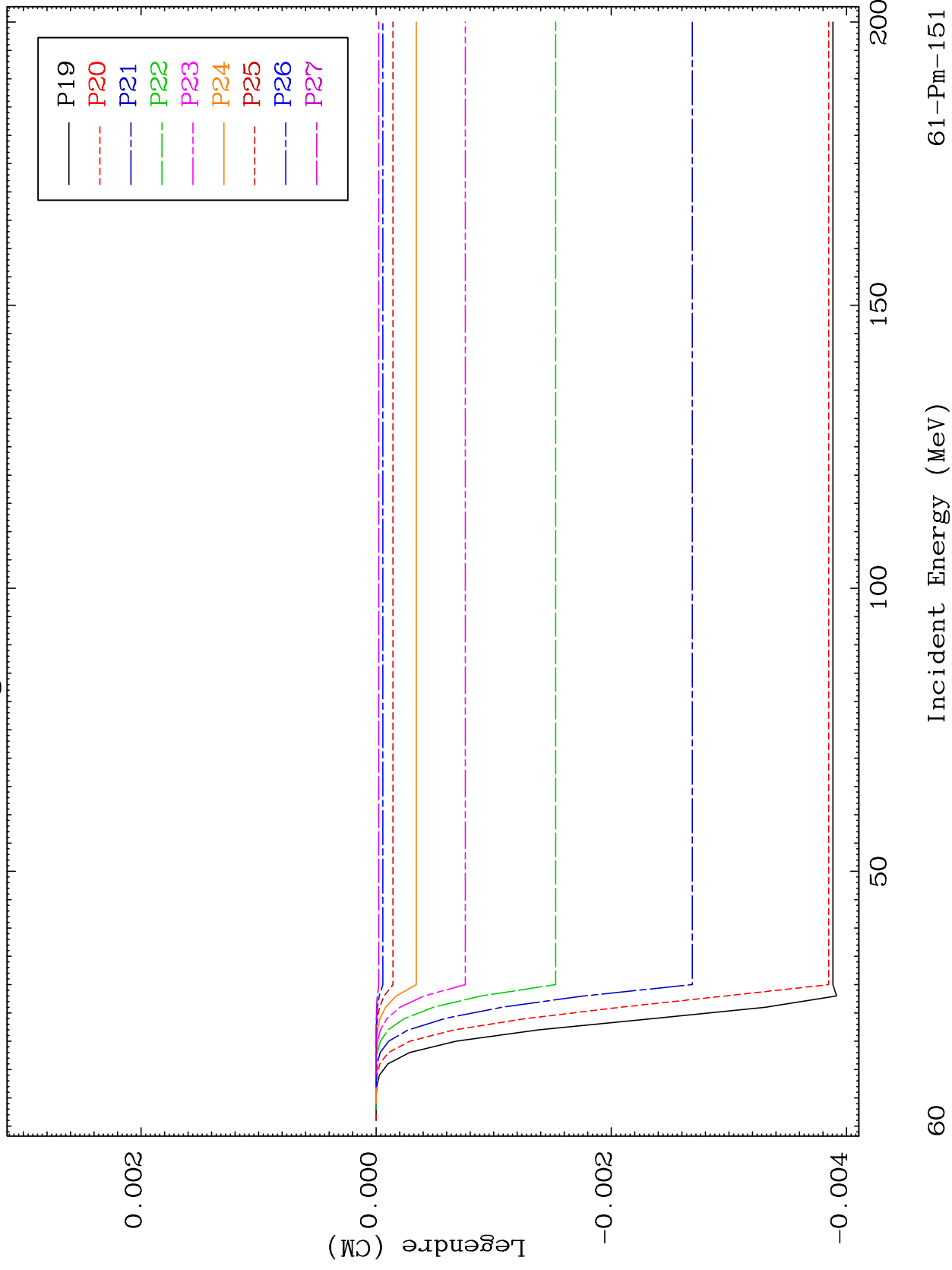


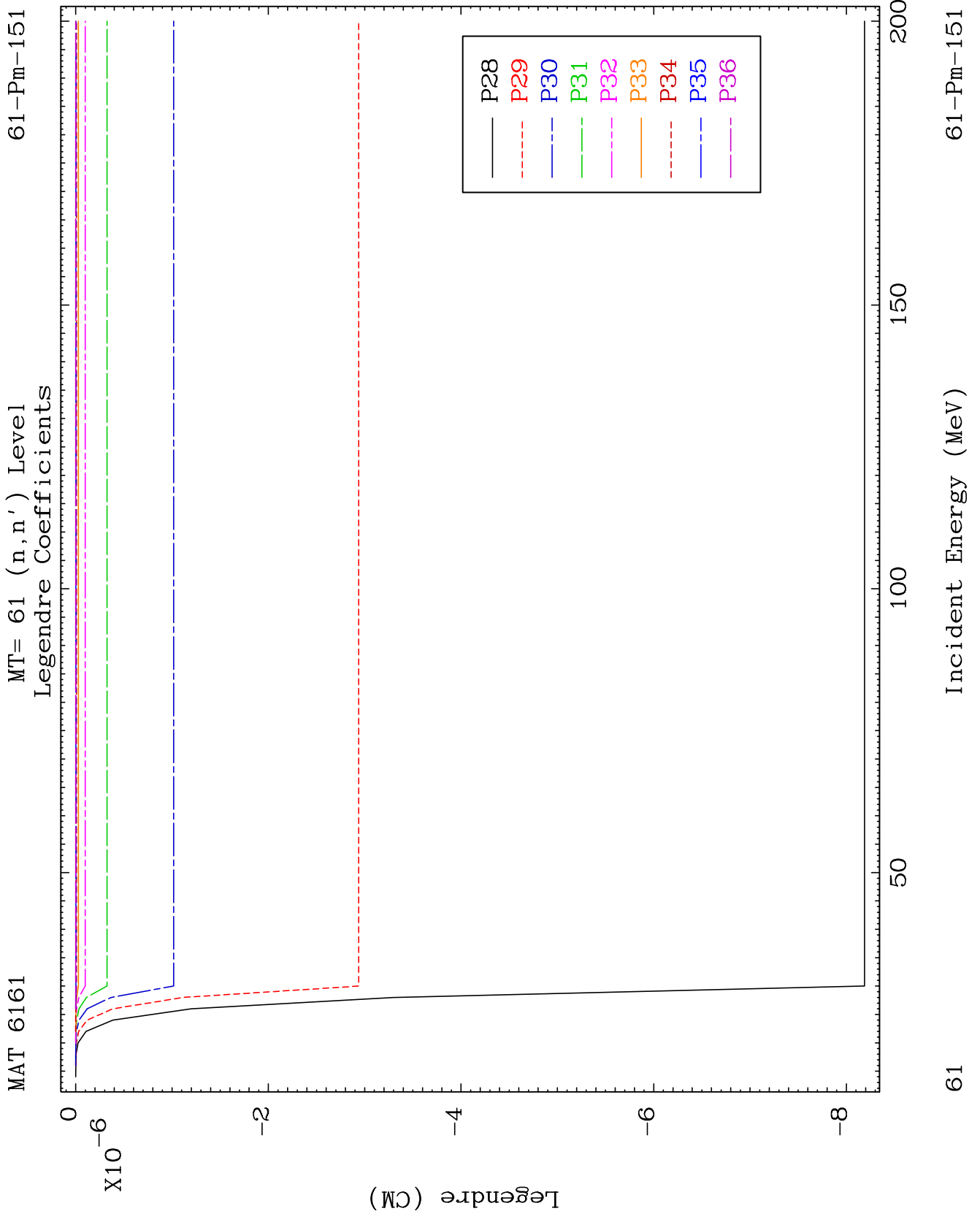


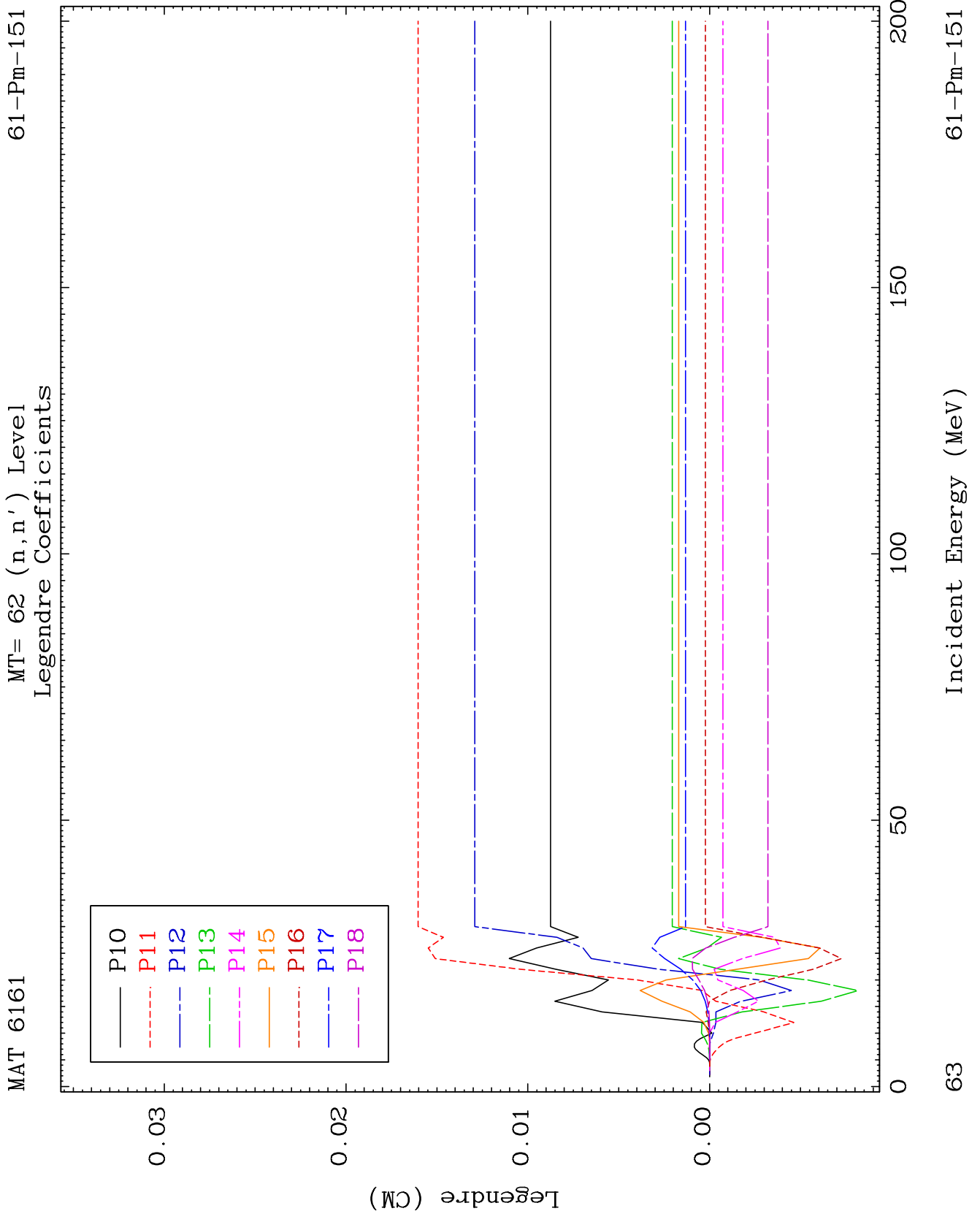
MAT 6161

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-151



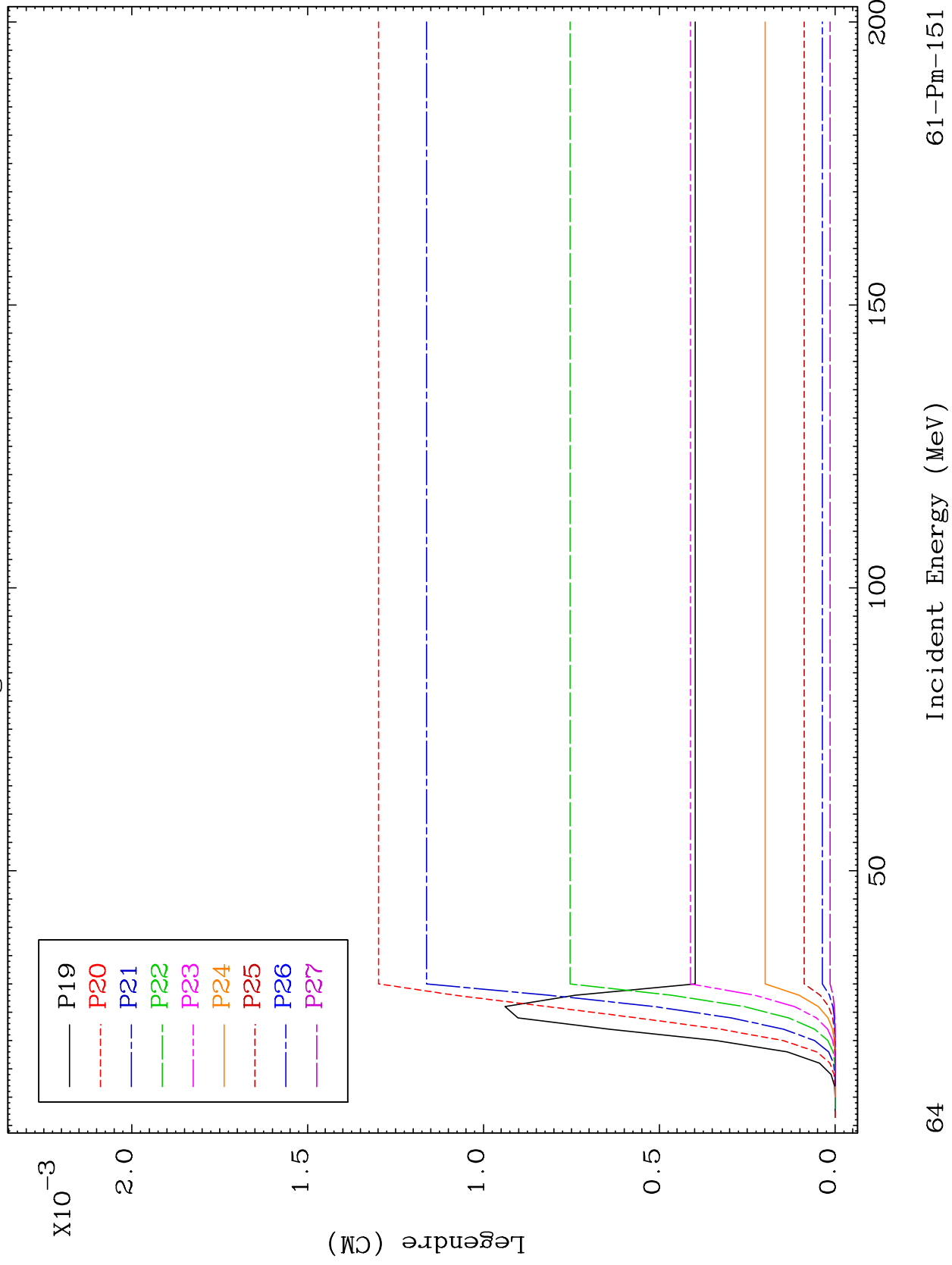




MAT 6161

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-151



64

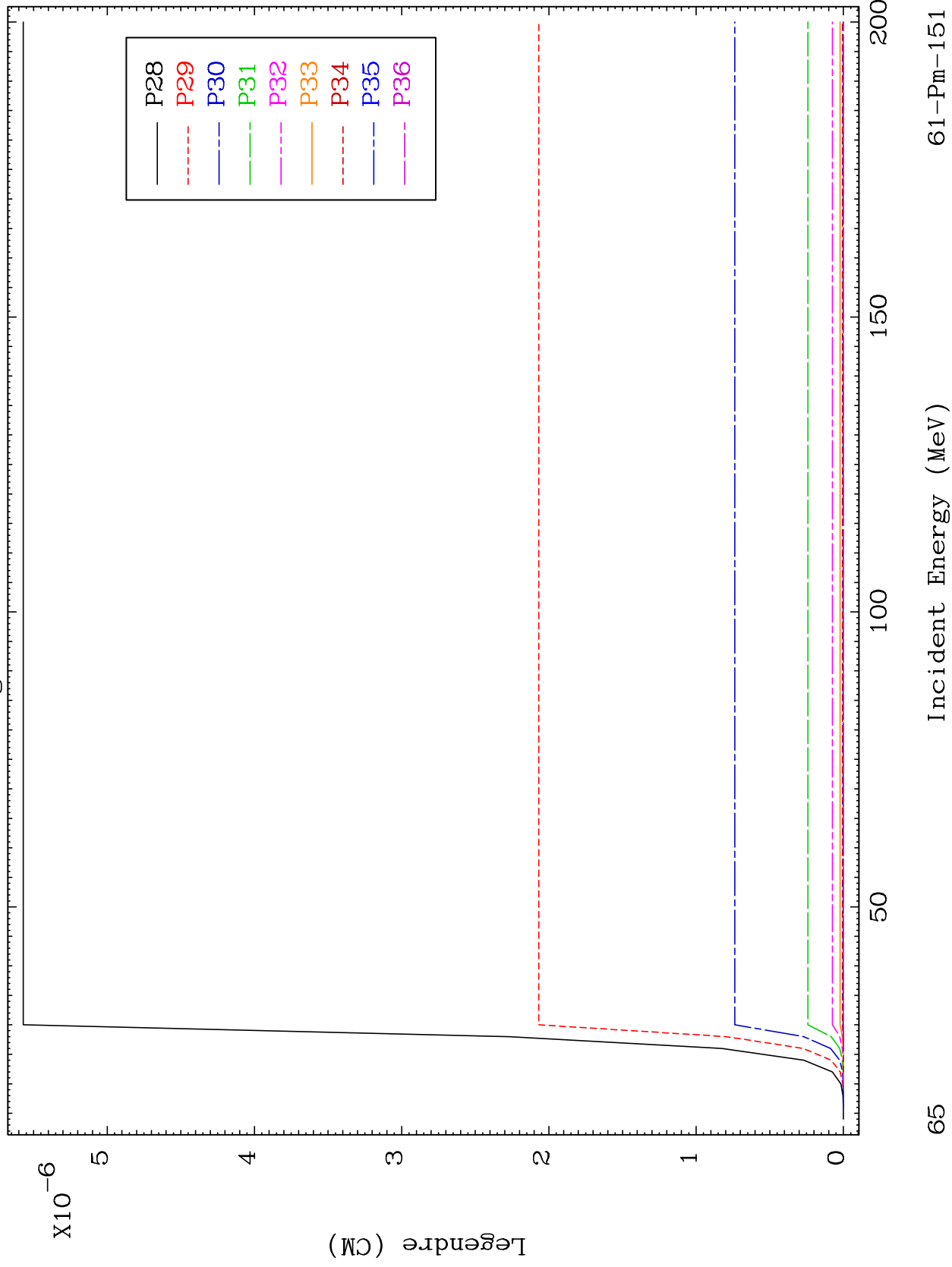
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 62 (n,n') Level
Legendre Coefficients

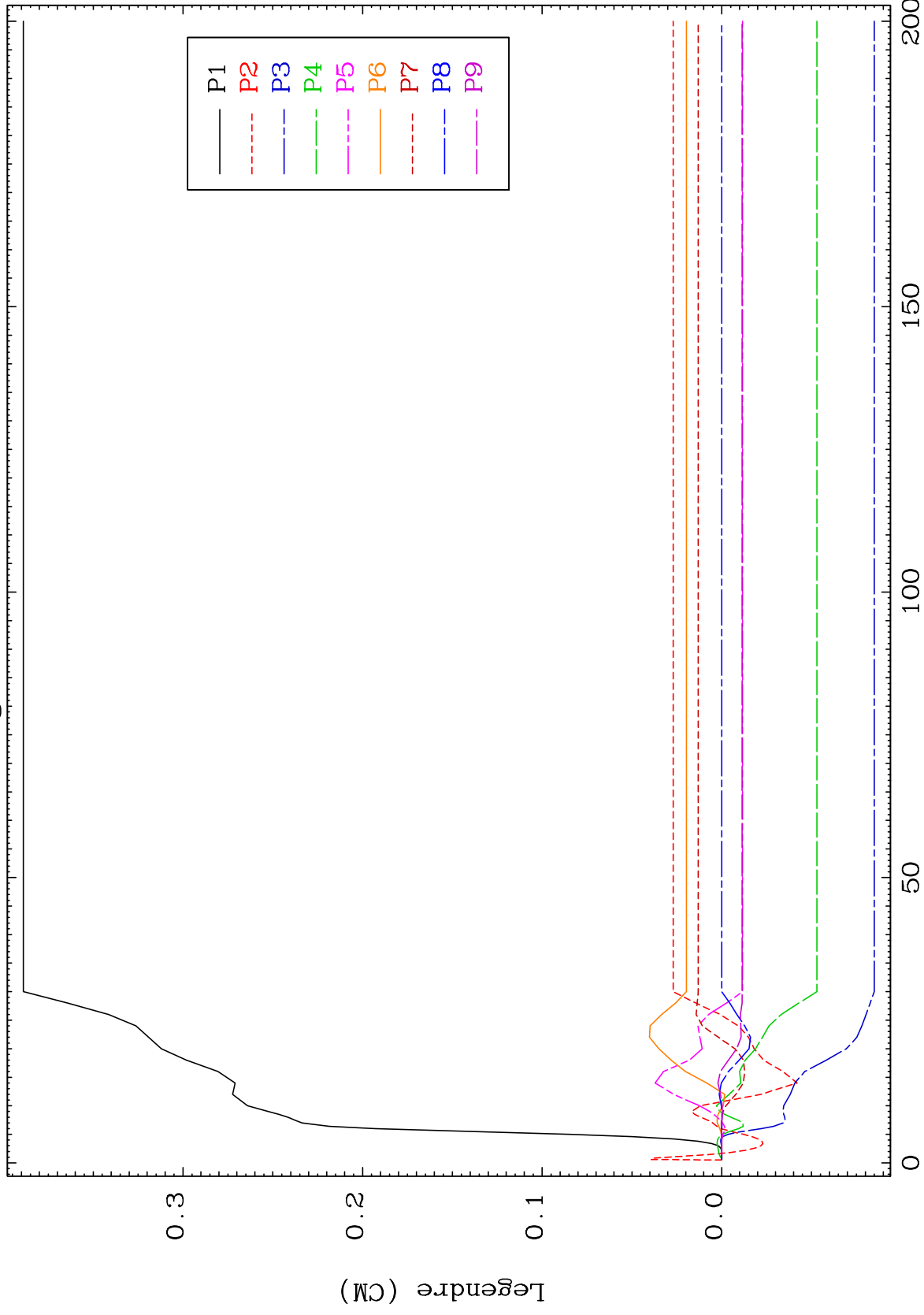
61-Pm-151



MAT 6161

MT= 63 (n,n') Level
Legendre Coefficients

61-Pm-151



66

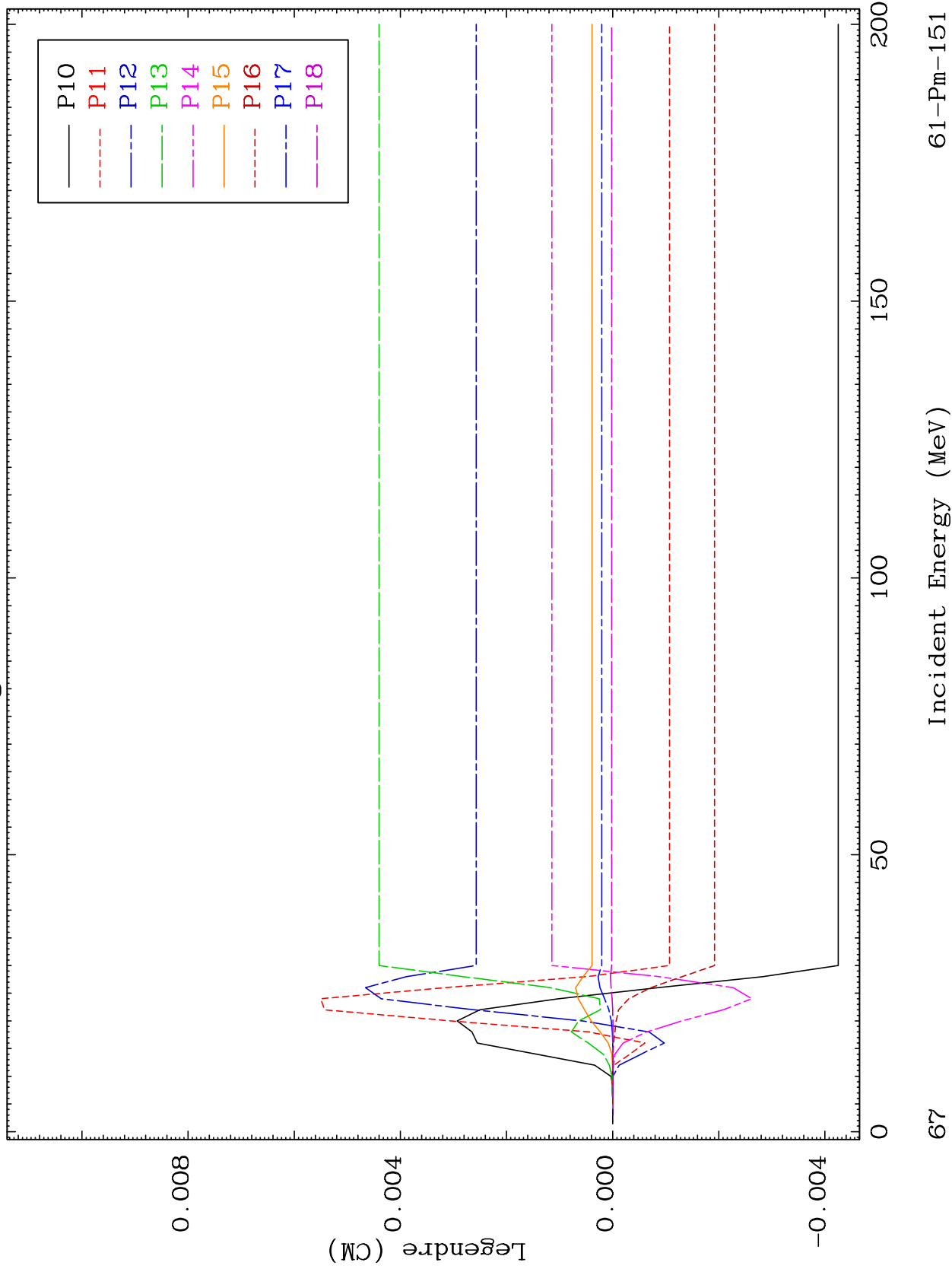
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 63 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

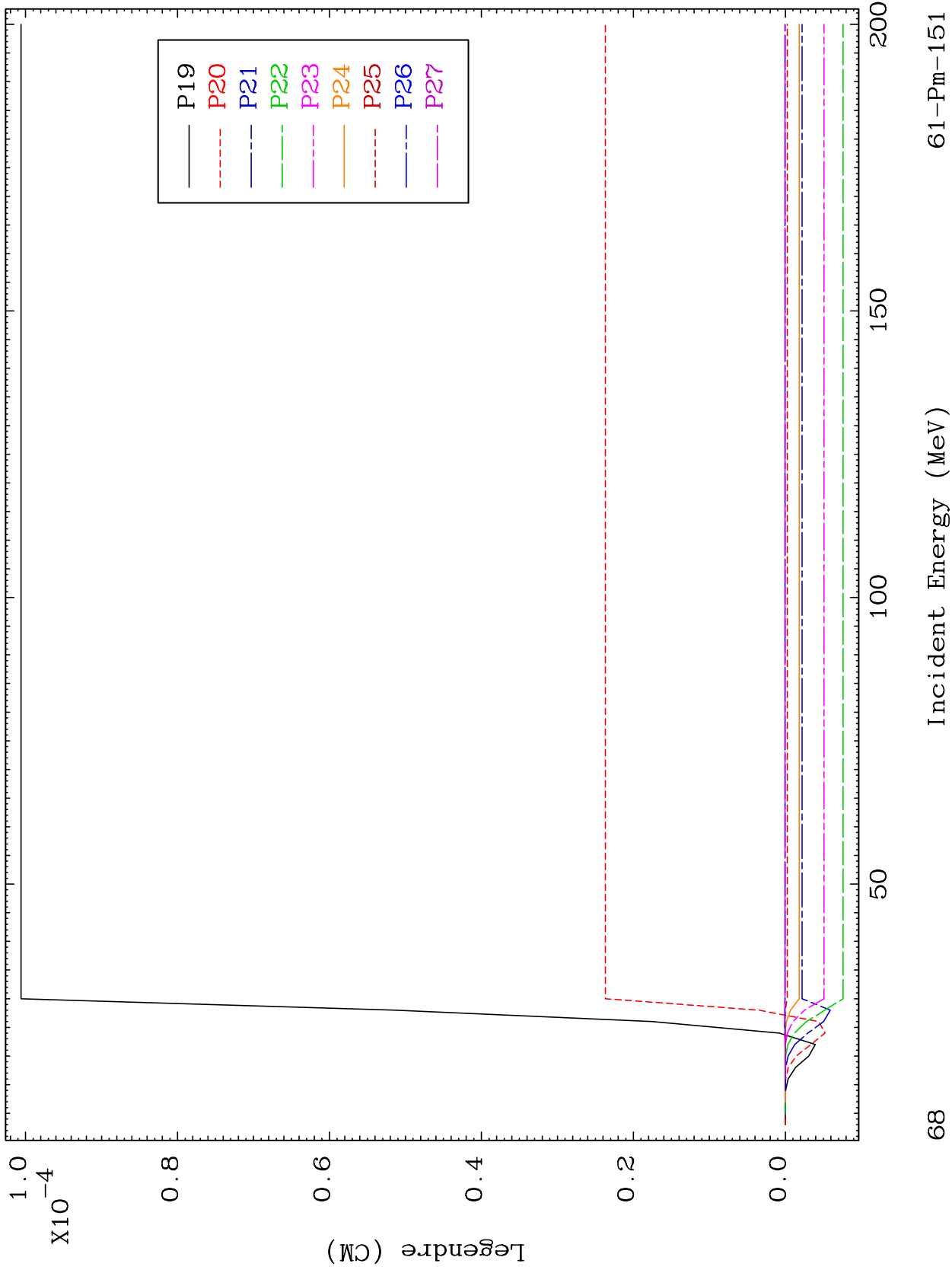
Incident Energy (MeV)

67

MAT 6161

MT= 63 (n,n') Level
Legendre Coefficients

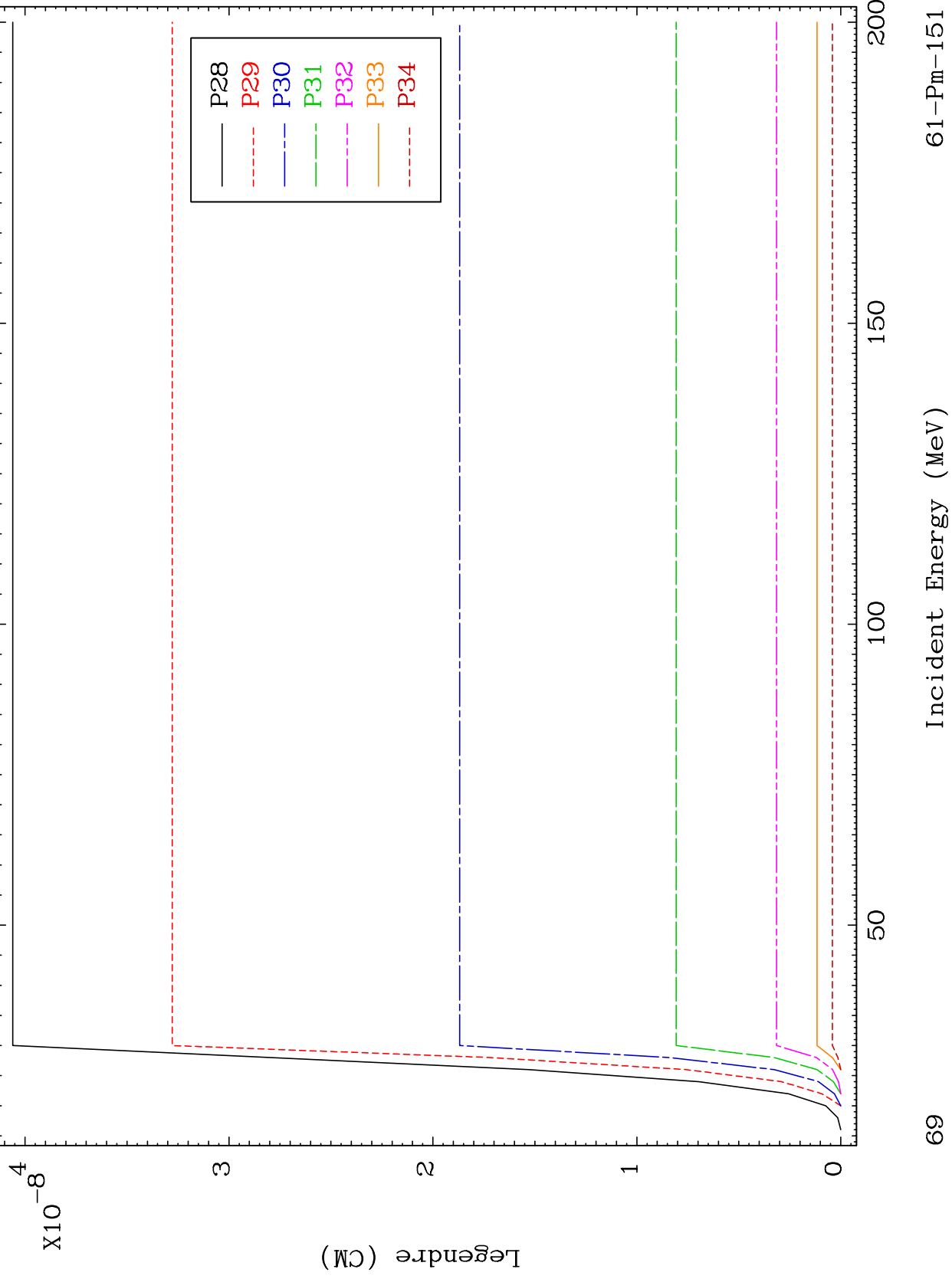
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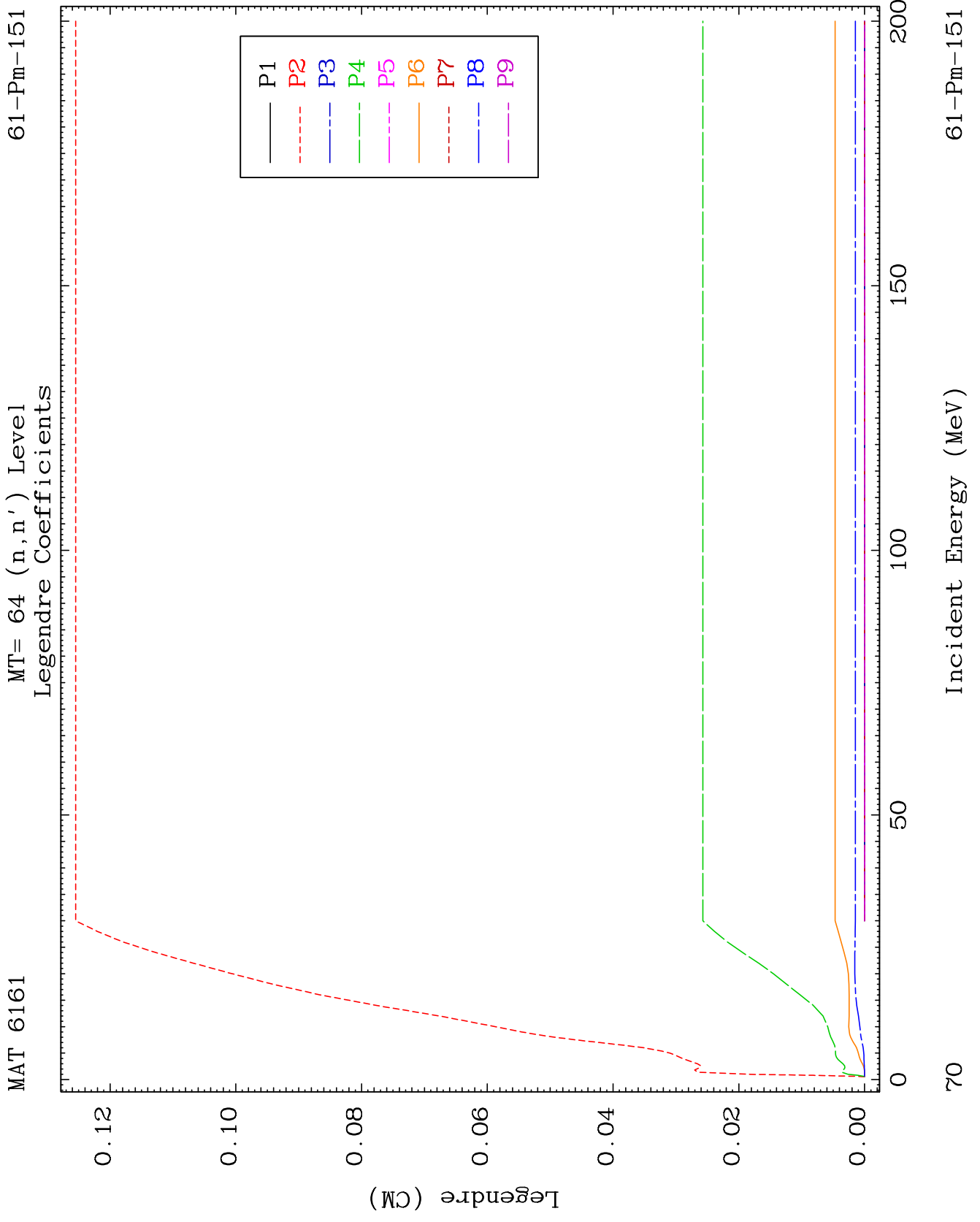


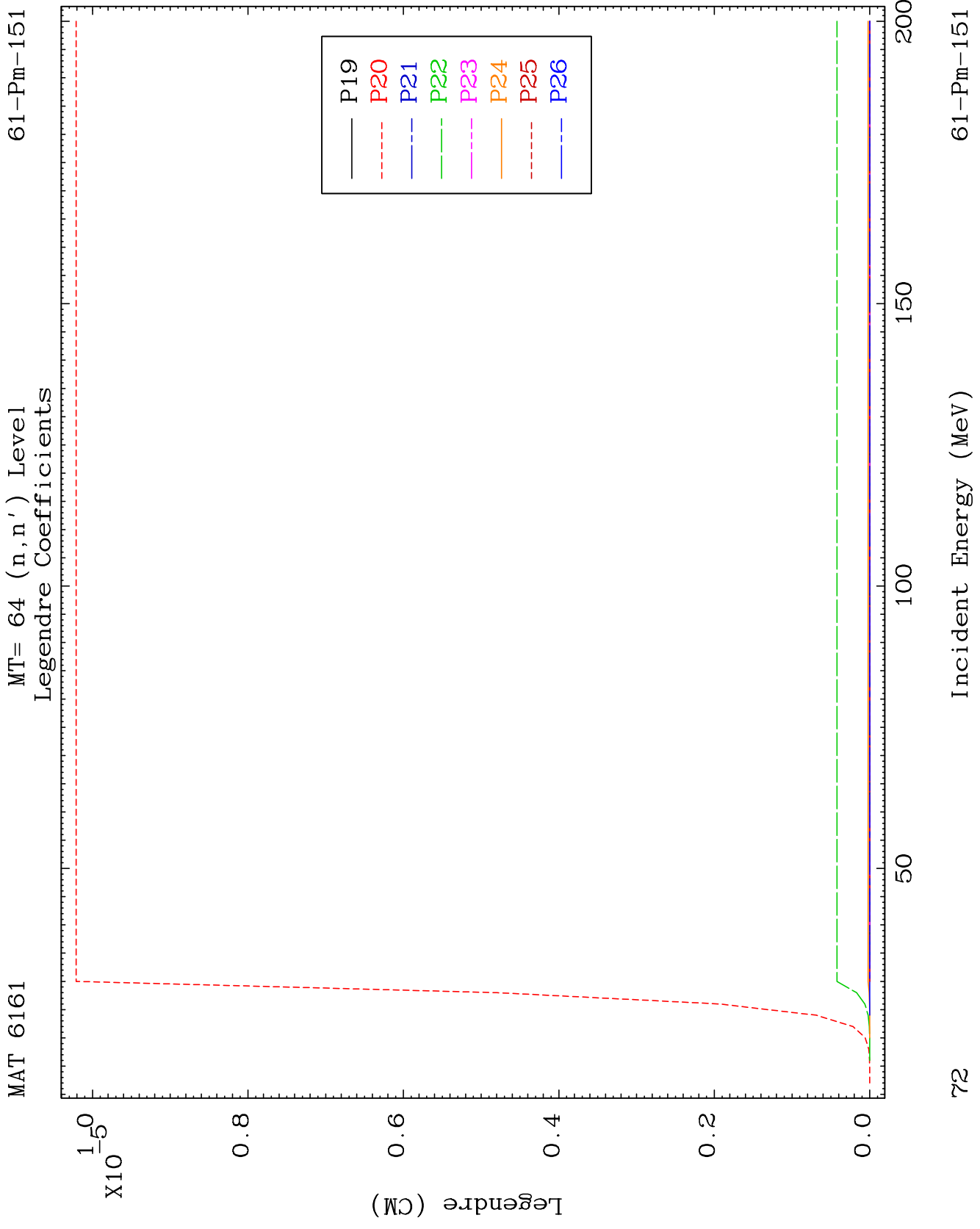
MAT 6161

MT= 63 (n,n') Level
Legendre Coefficients

61-Pm-151



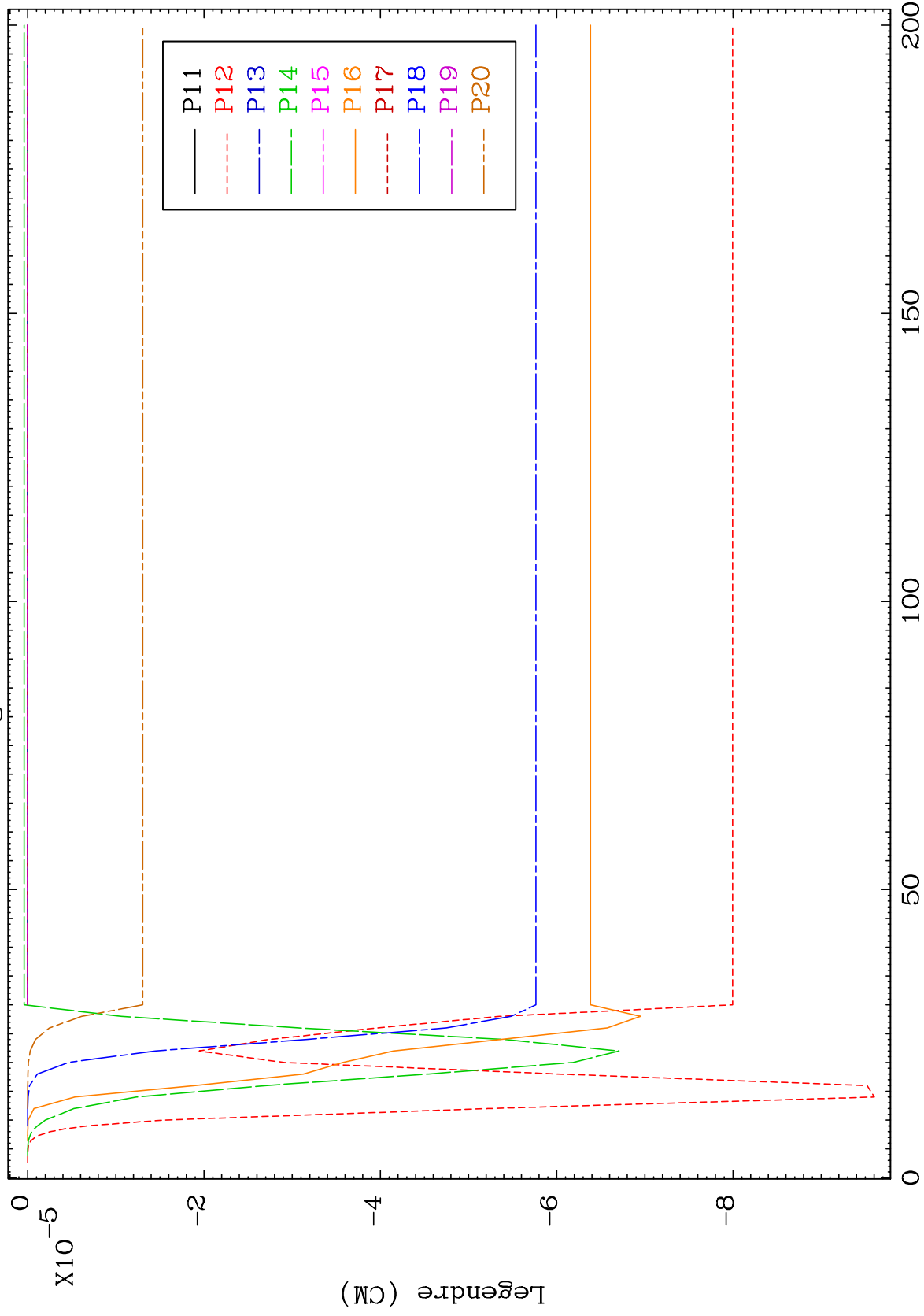




MAT 6161

MT= 65 (n,n') Level
Legendre Coefficients

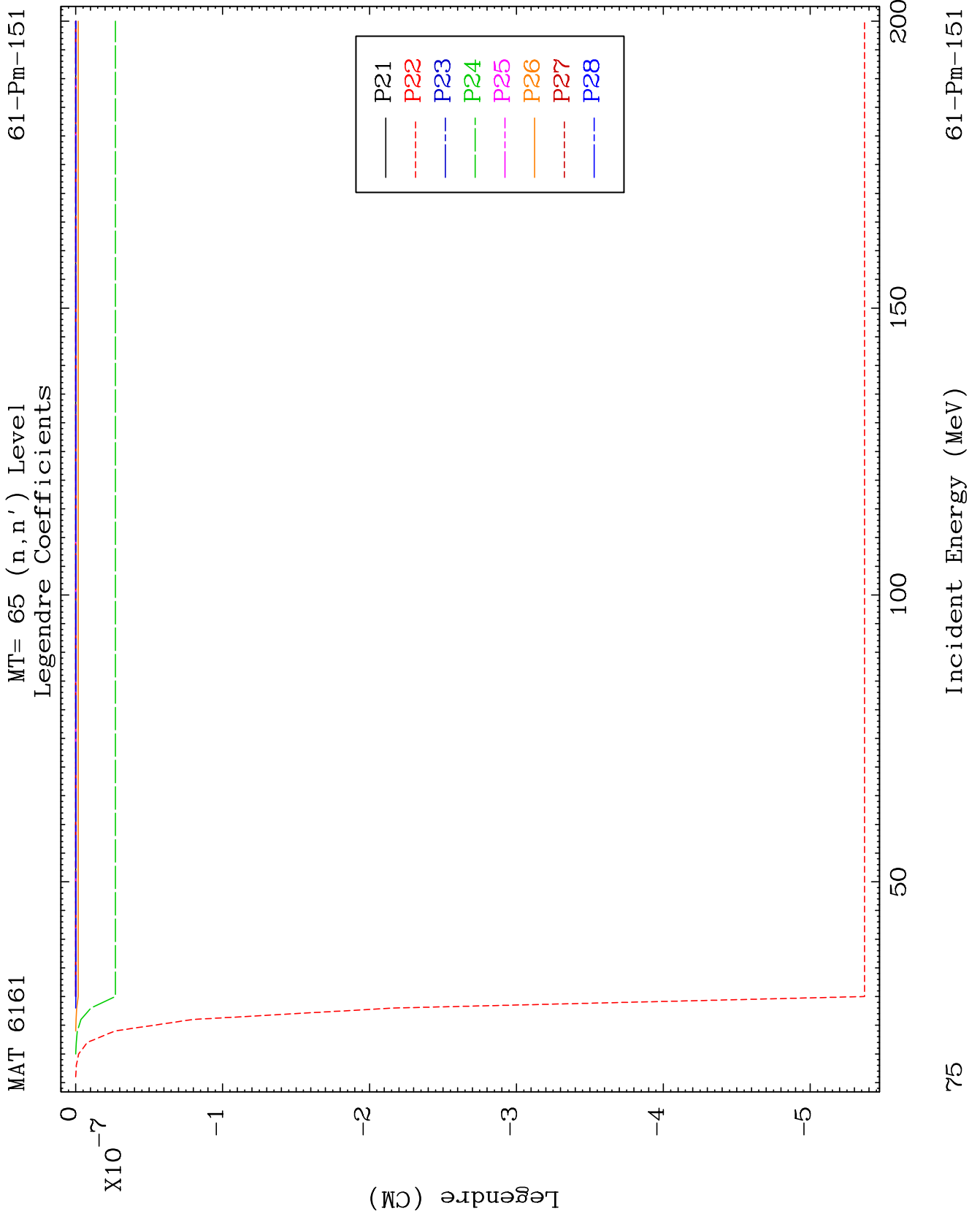
61-Pm-151



74

Incident Energy (MeV)

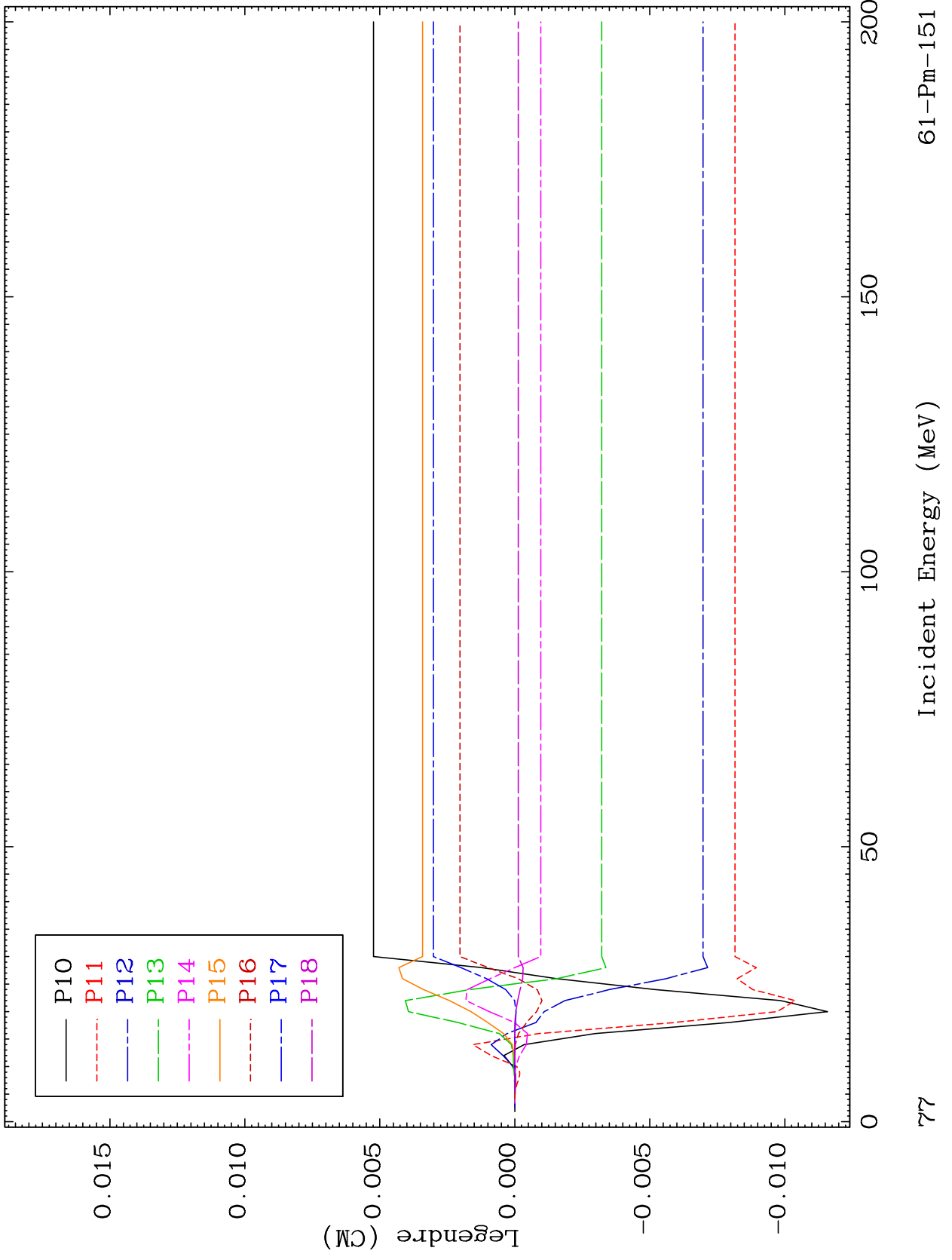
61-Pm-151



MAT 6161

MT= 66 (n,n') Level
Legendre Coefficients

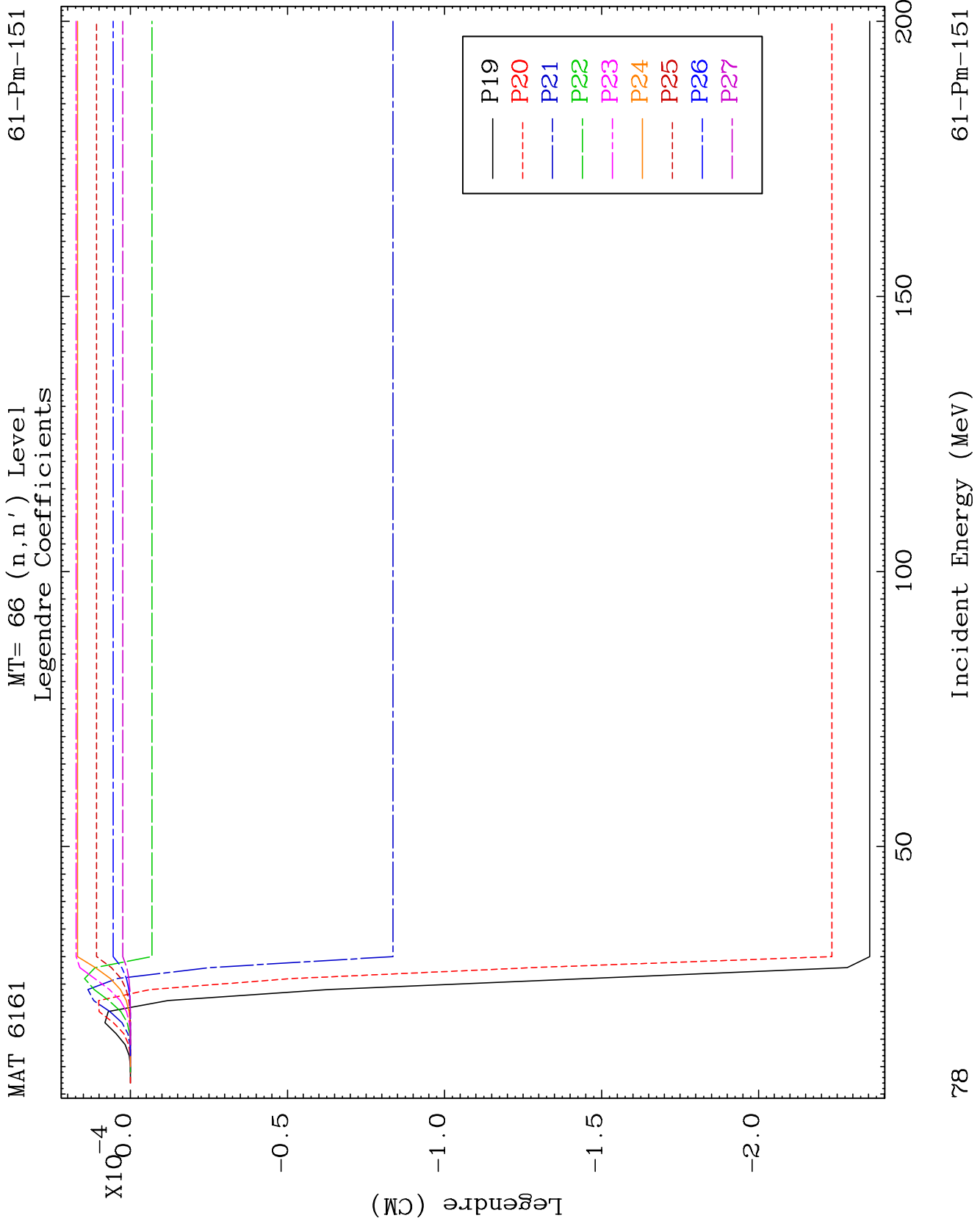
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77

Incident Energy (MeV)

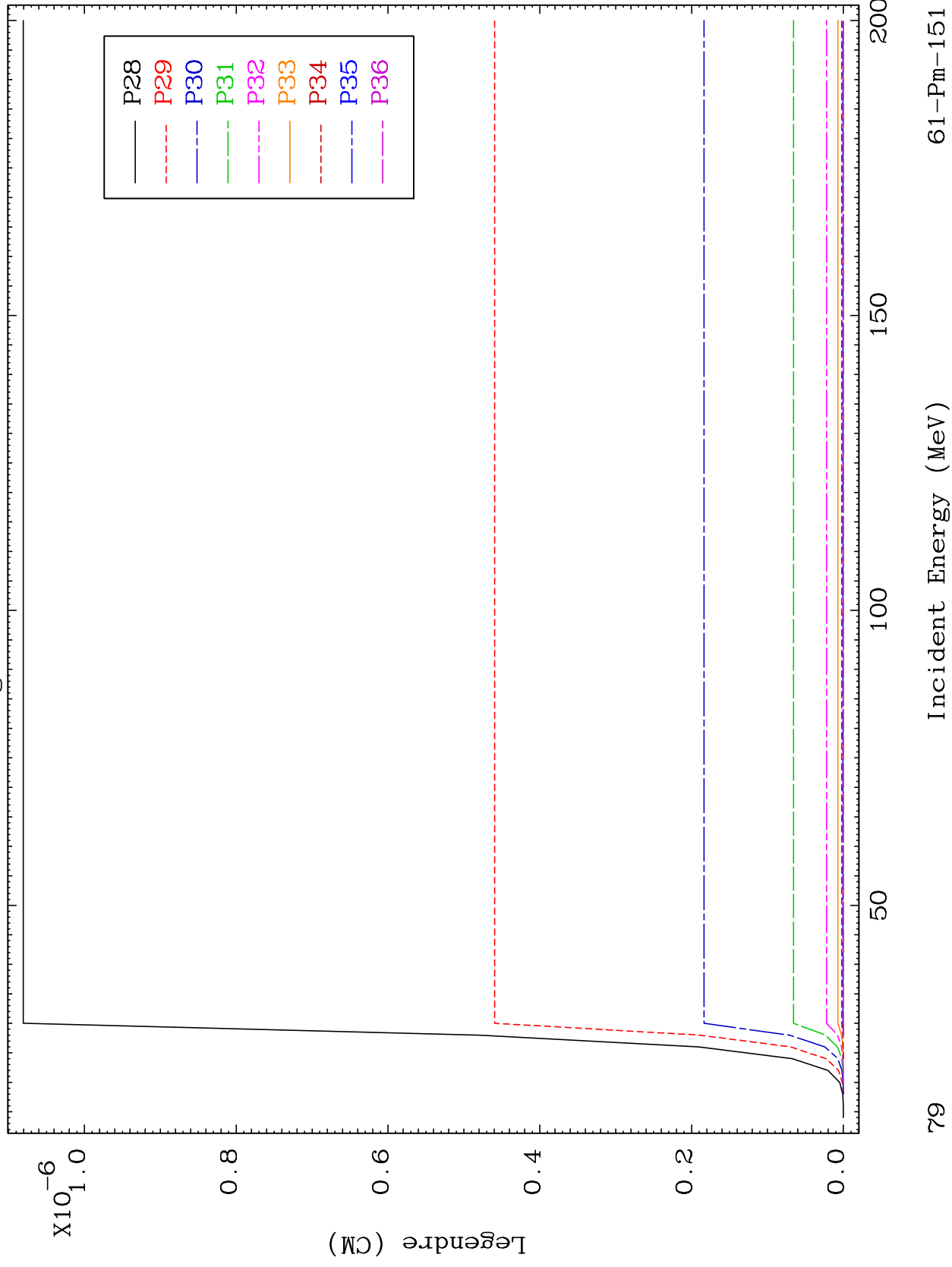
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MAT 6161

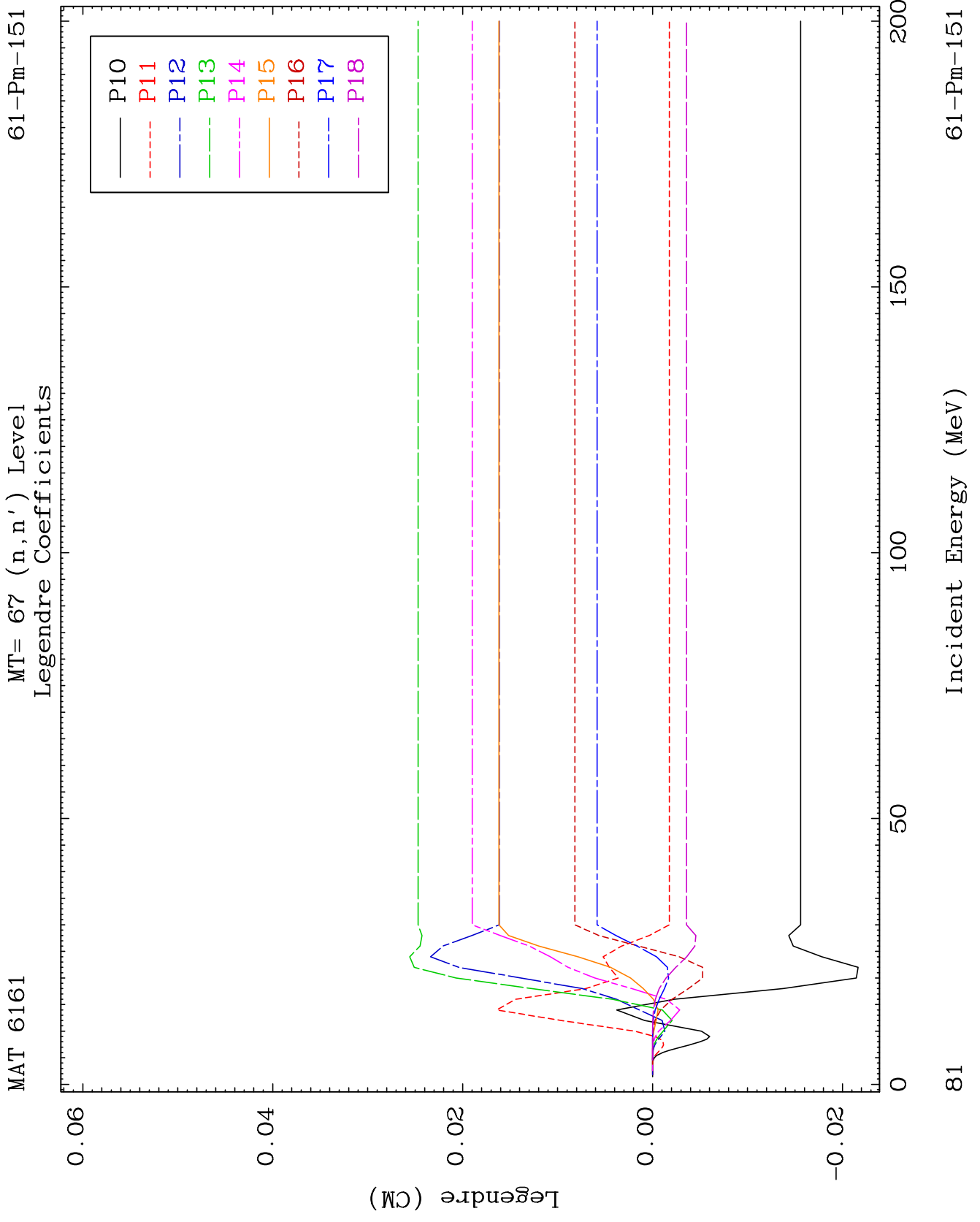
MT= 66 (n,n') Level
Legendre Coefficients

61-Pm-151



79

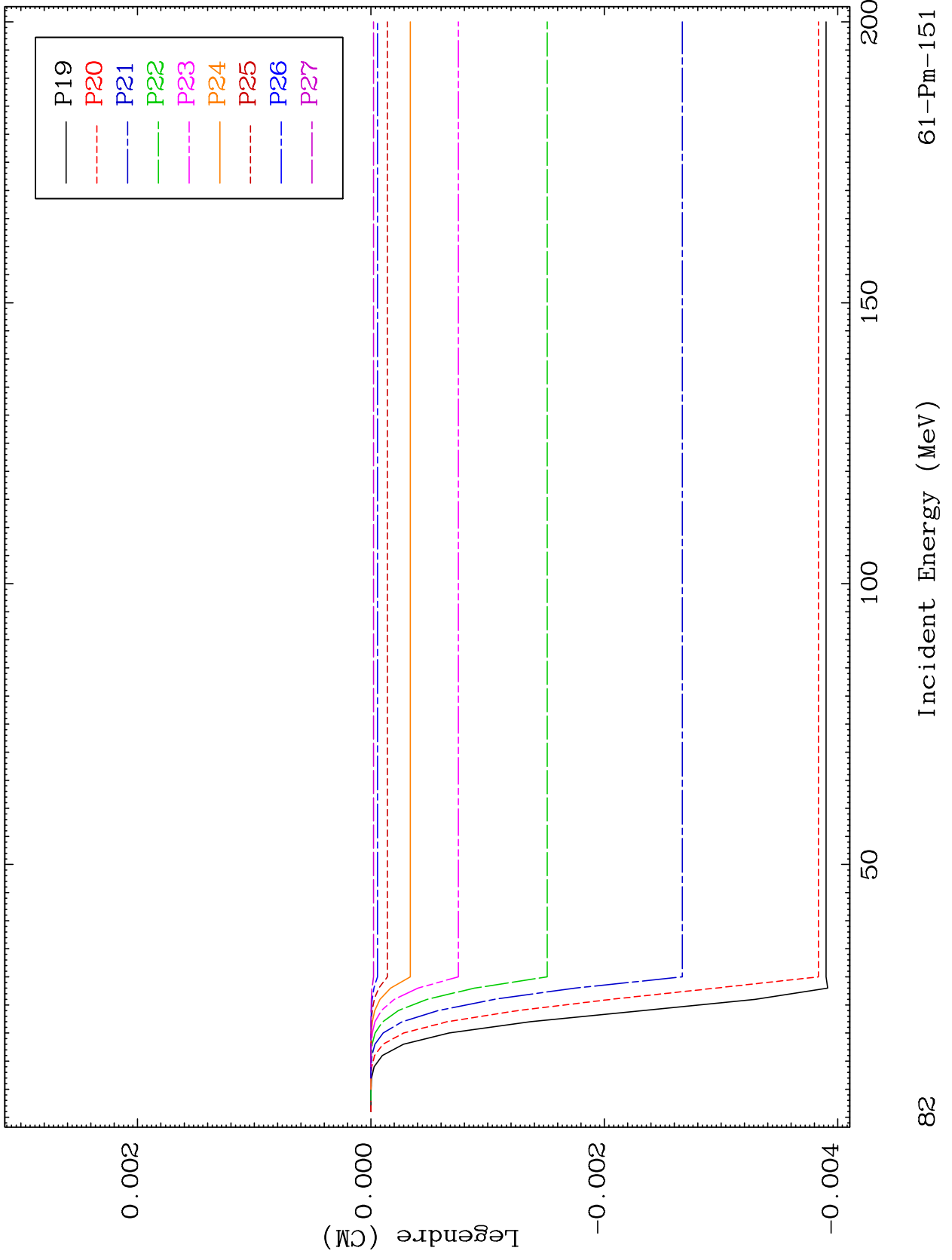
61-Pm-151



MAT 6161

MT= 67 (n,n') Level
Legendre Coefficients

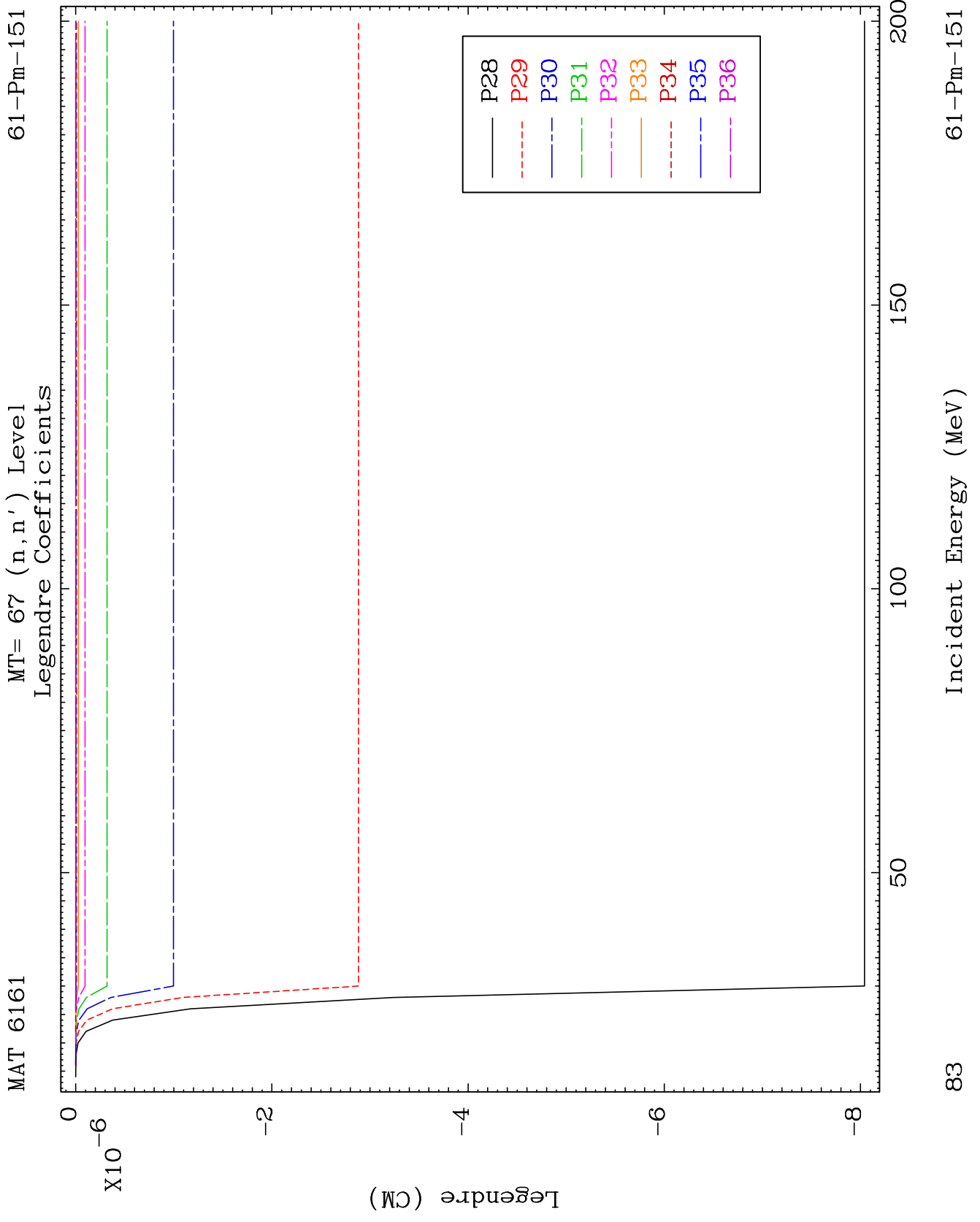
61-Pm-151



82

Incident Energy (MeV)

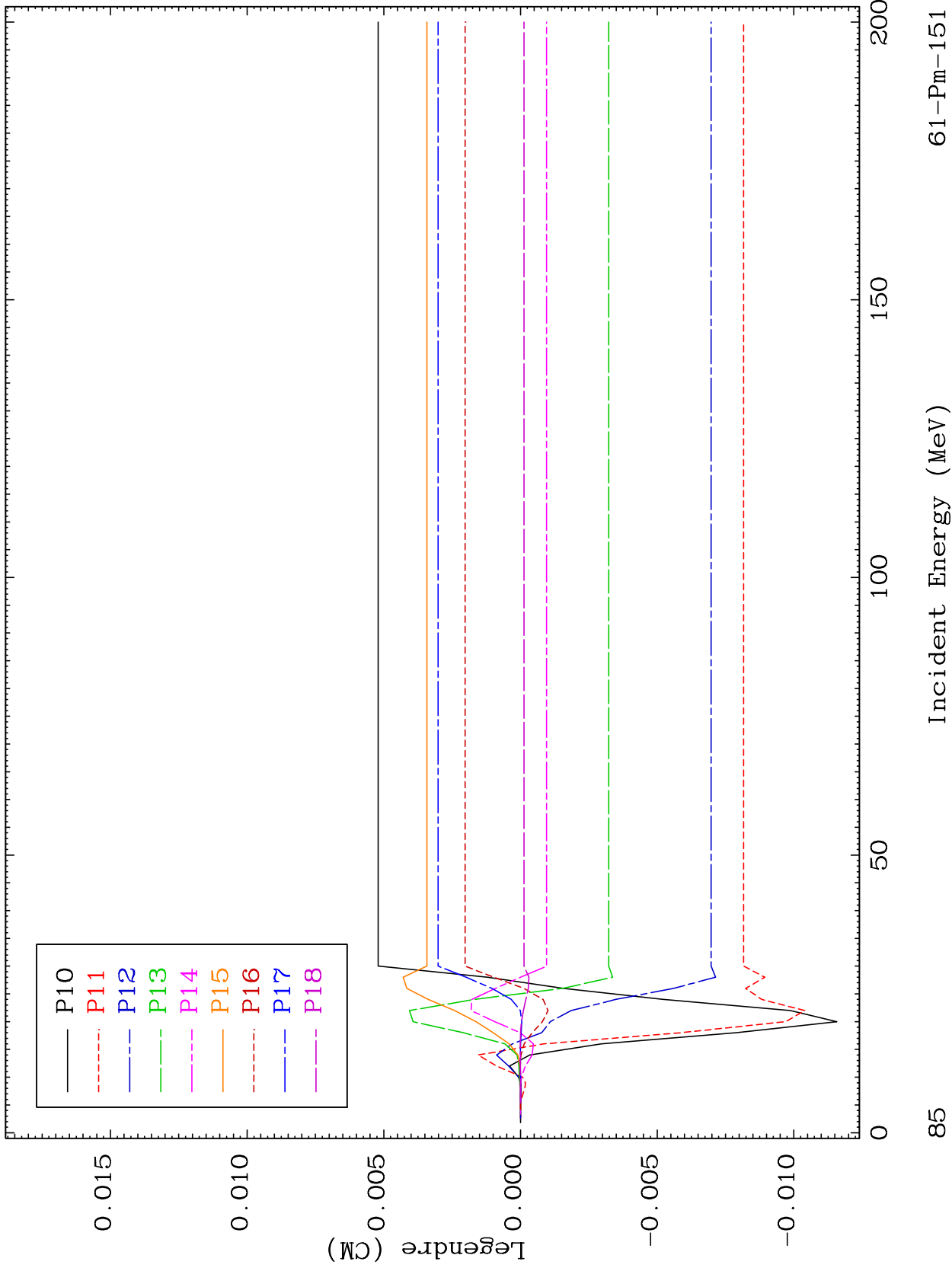
61-Pm-151



MAT 6161

MT= 68 (n,n') Level
Legendre Coefficients

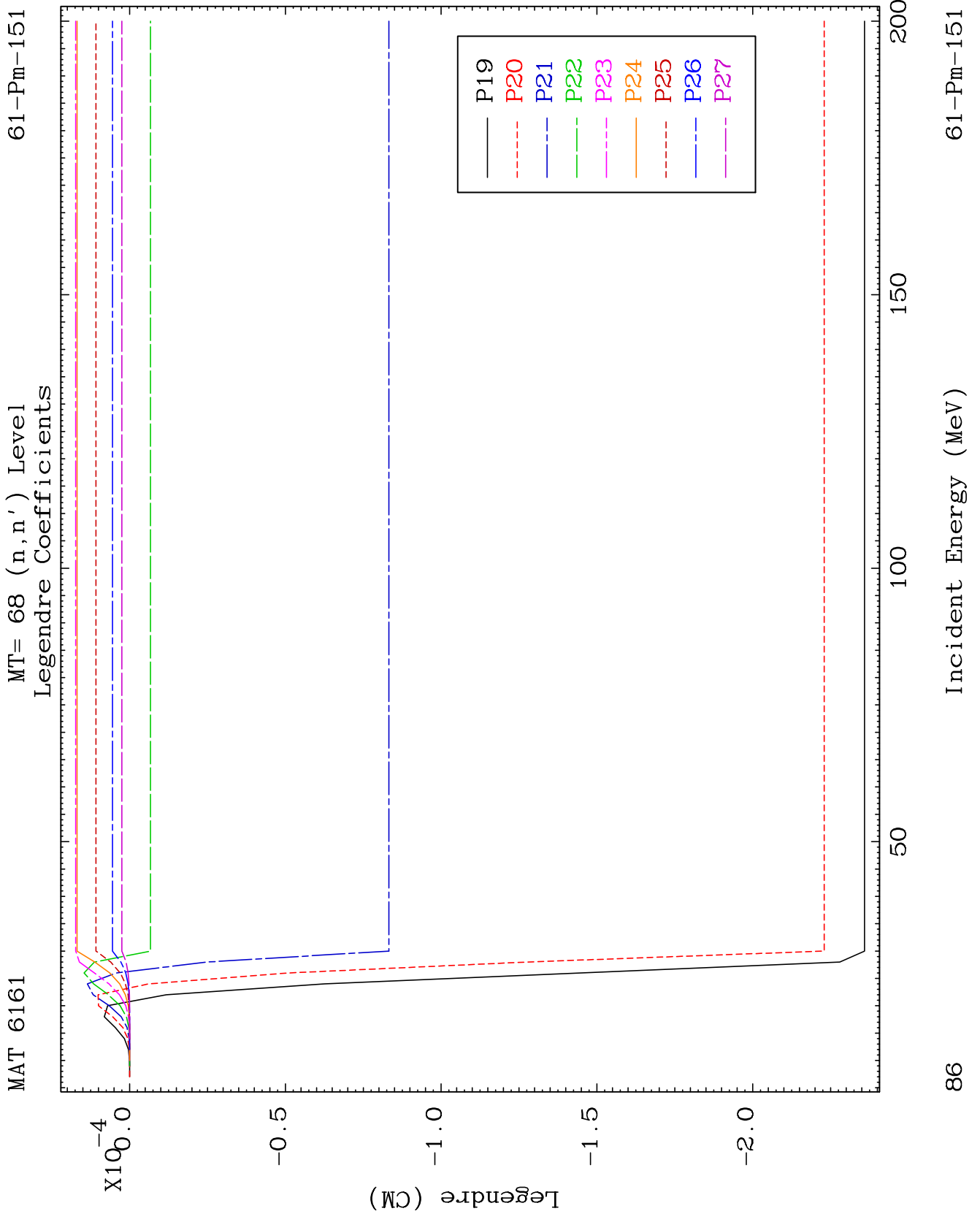
61-Pm-151



61-Pm-151

Incident Energy (MeV)

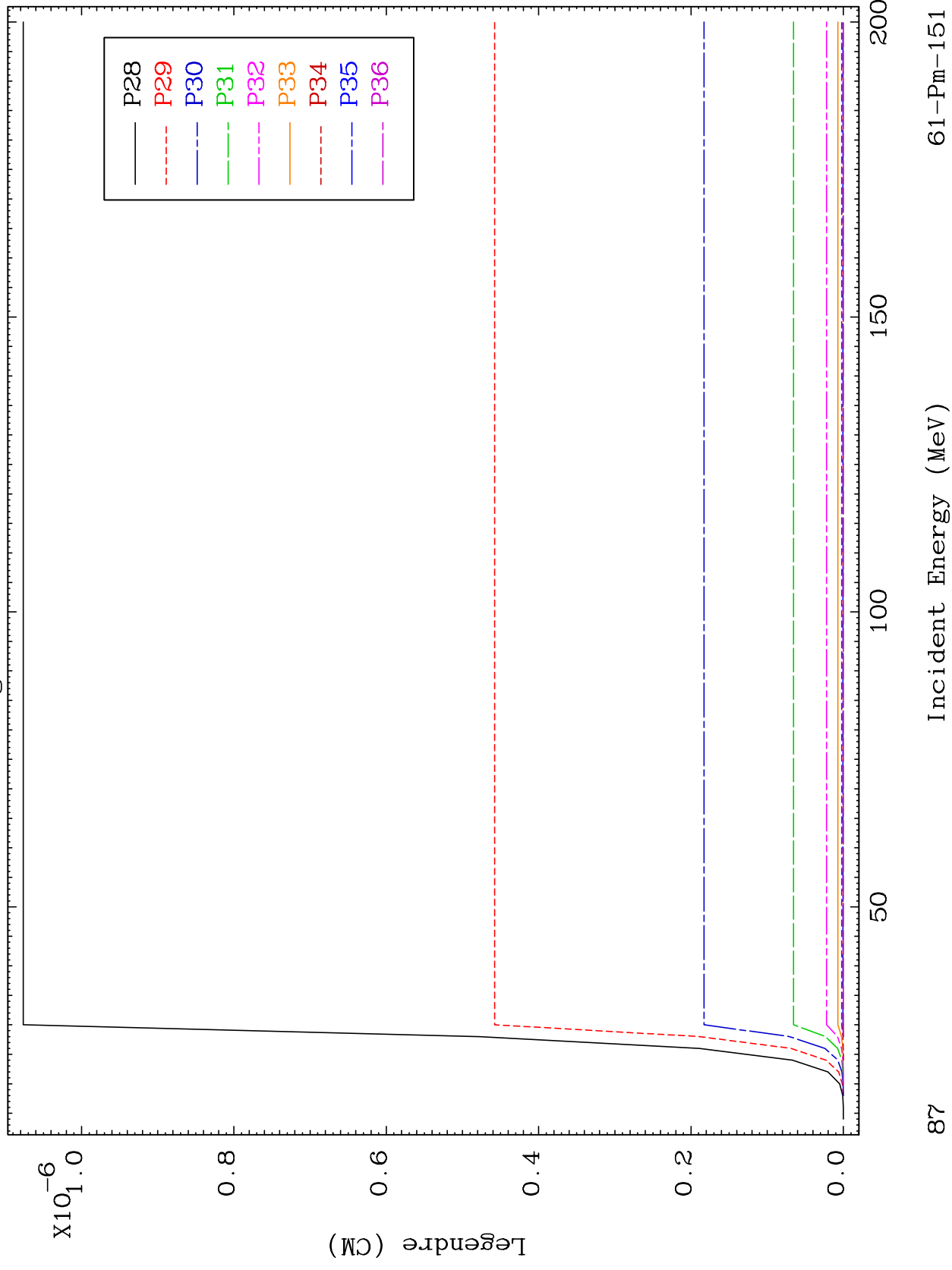
85

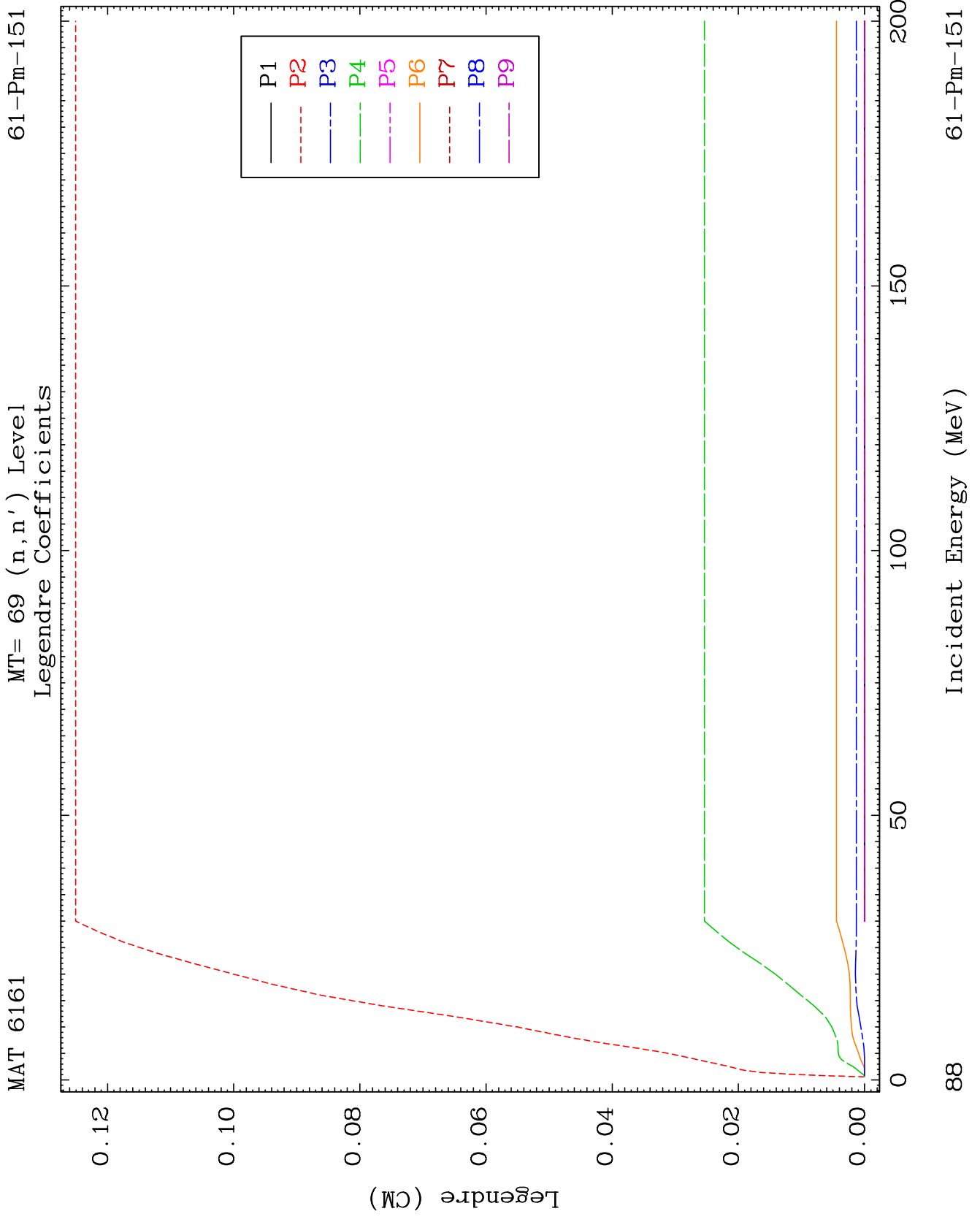


MAT 6161

MT= 68 (n,n') Level
Legendre Coefficients

61-Pm-151

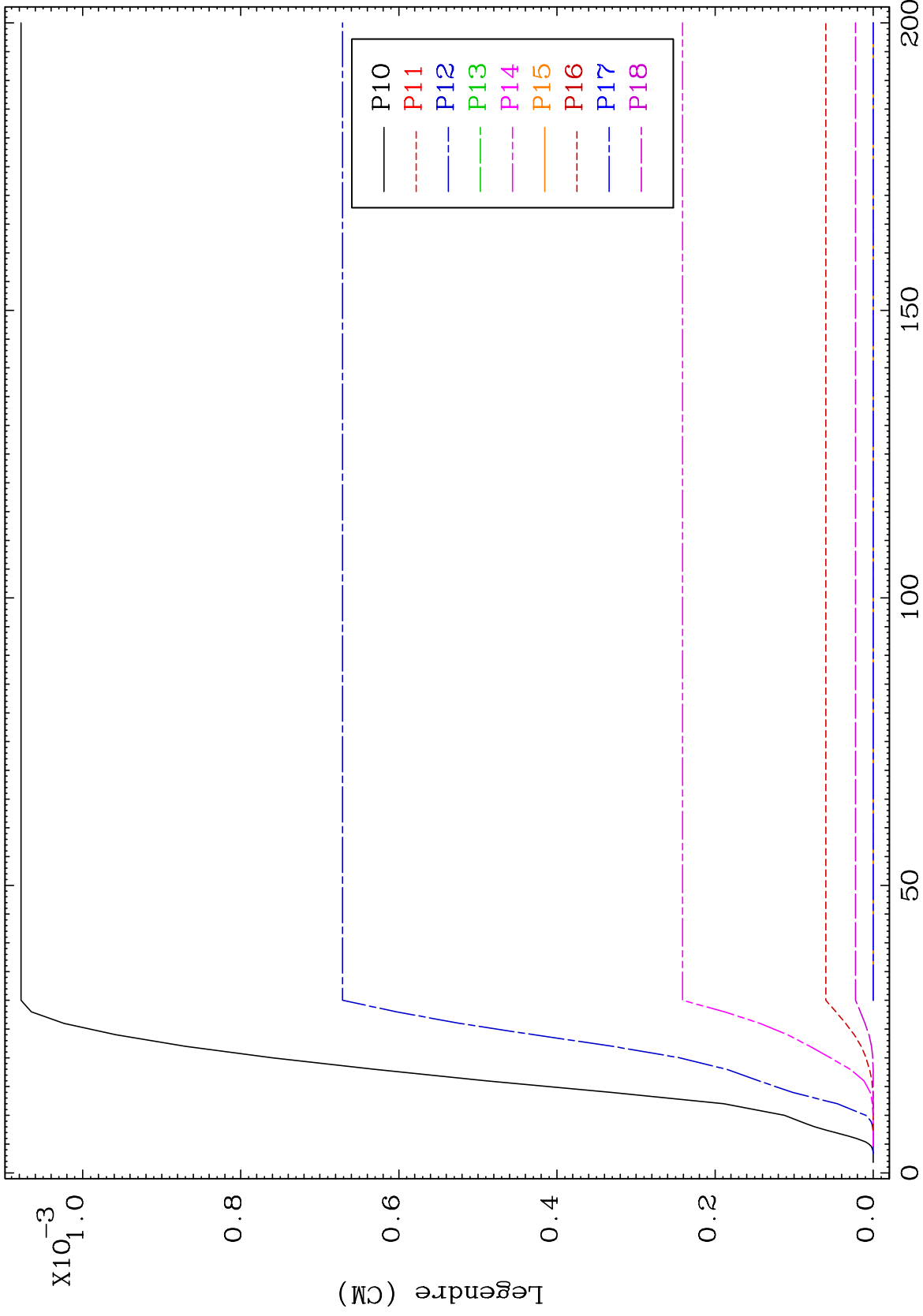




MAT 6161

MT= 69 (n,n') Level
Legendre Coefficients

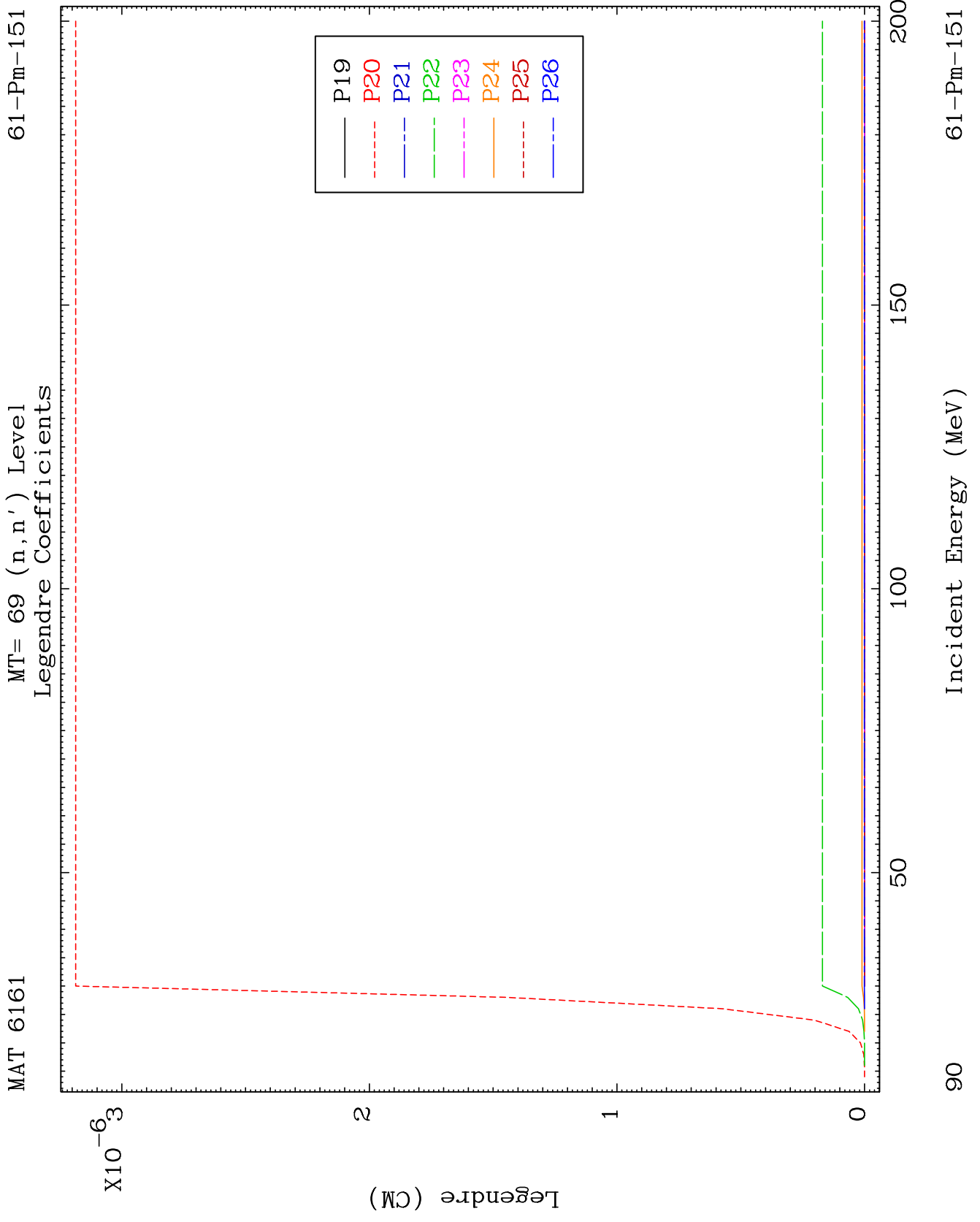
61-Pm-151



89

Incident Energy (MeV)

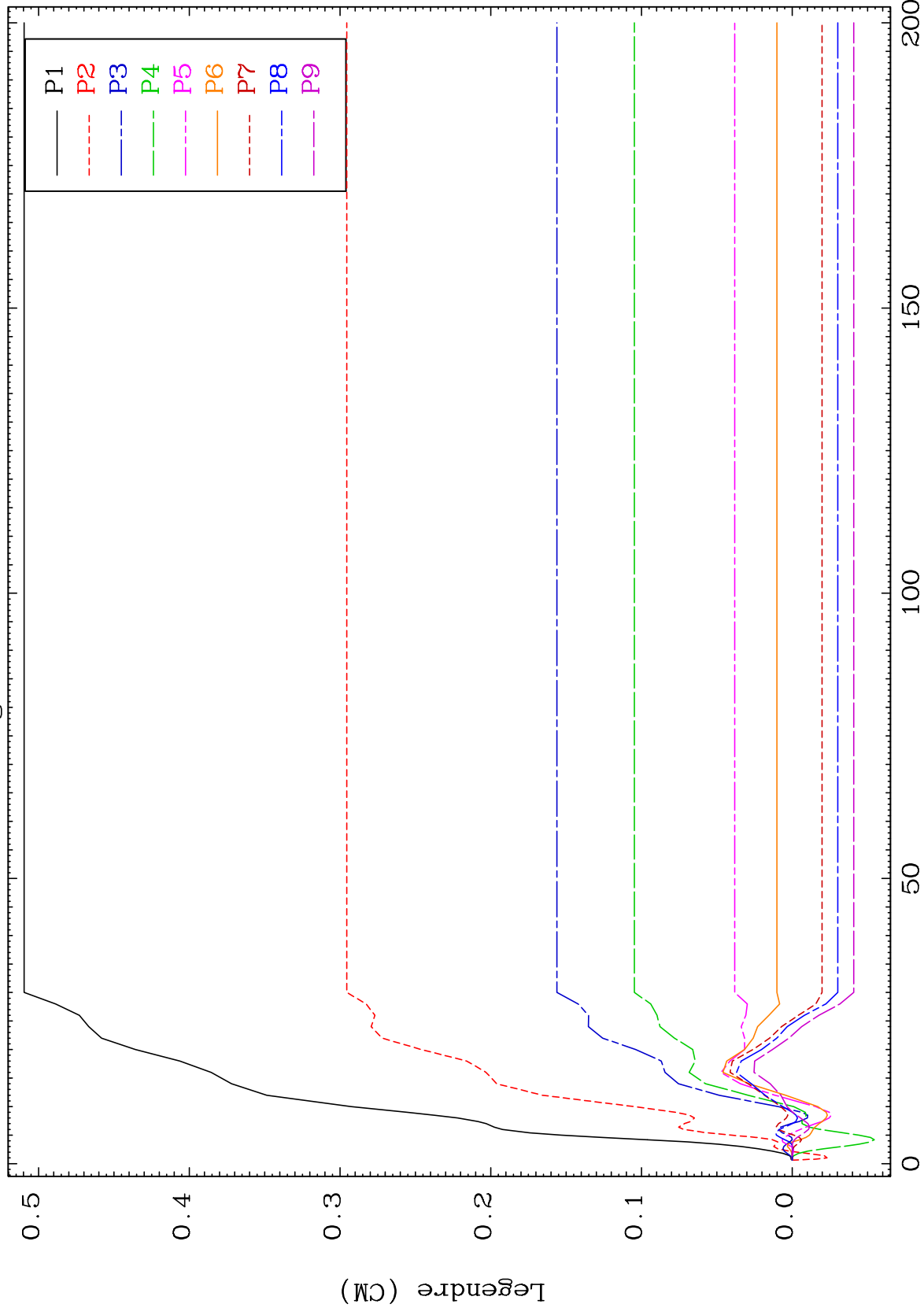
61-Pm-151



MAT 6161

MT= 70 (n,n') Level
Legendre Coefficients

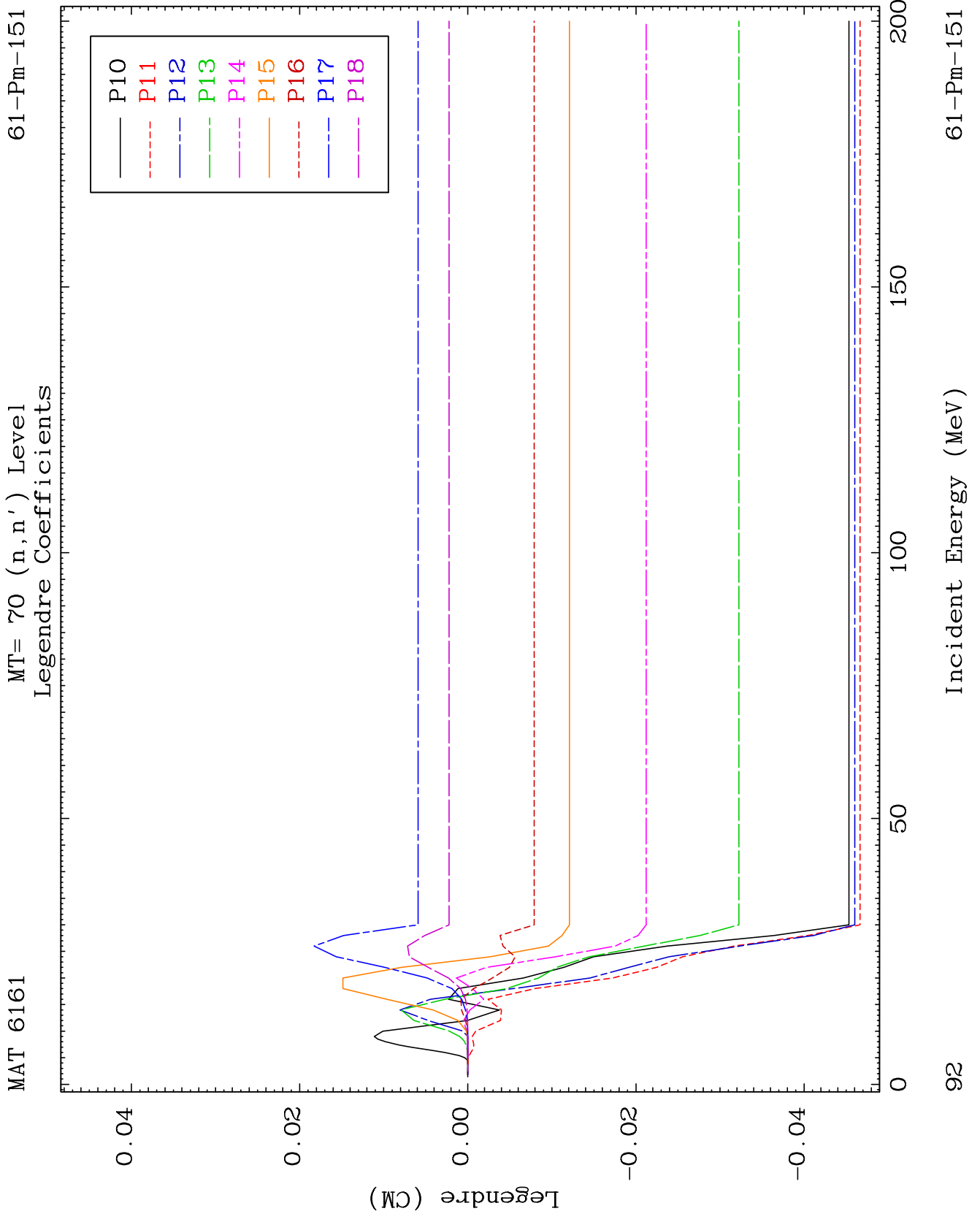
61-Pm-151



91

Incident Energy (MeV)

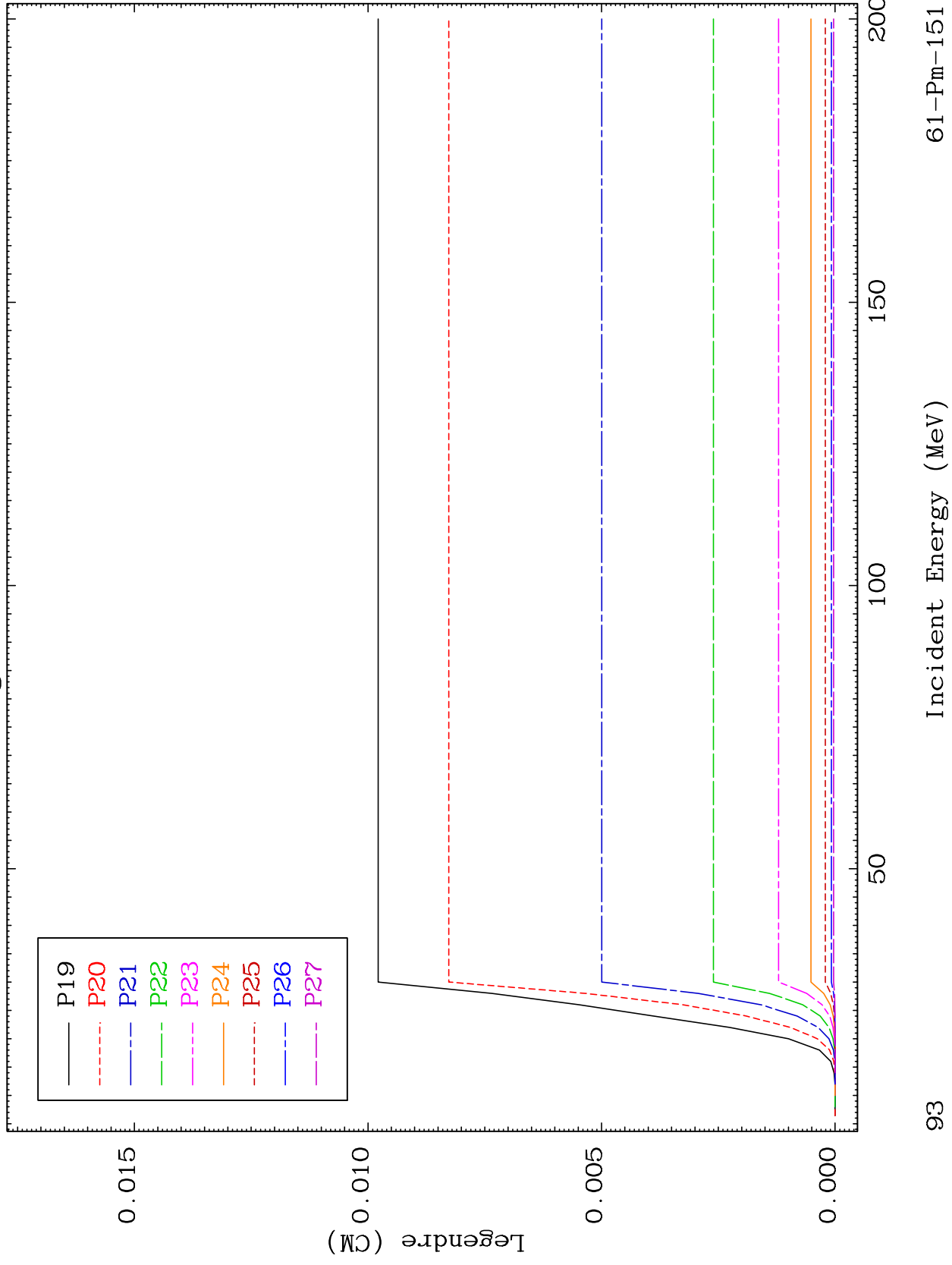
61-Pm-151



MAT 6161

MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-151



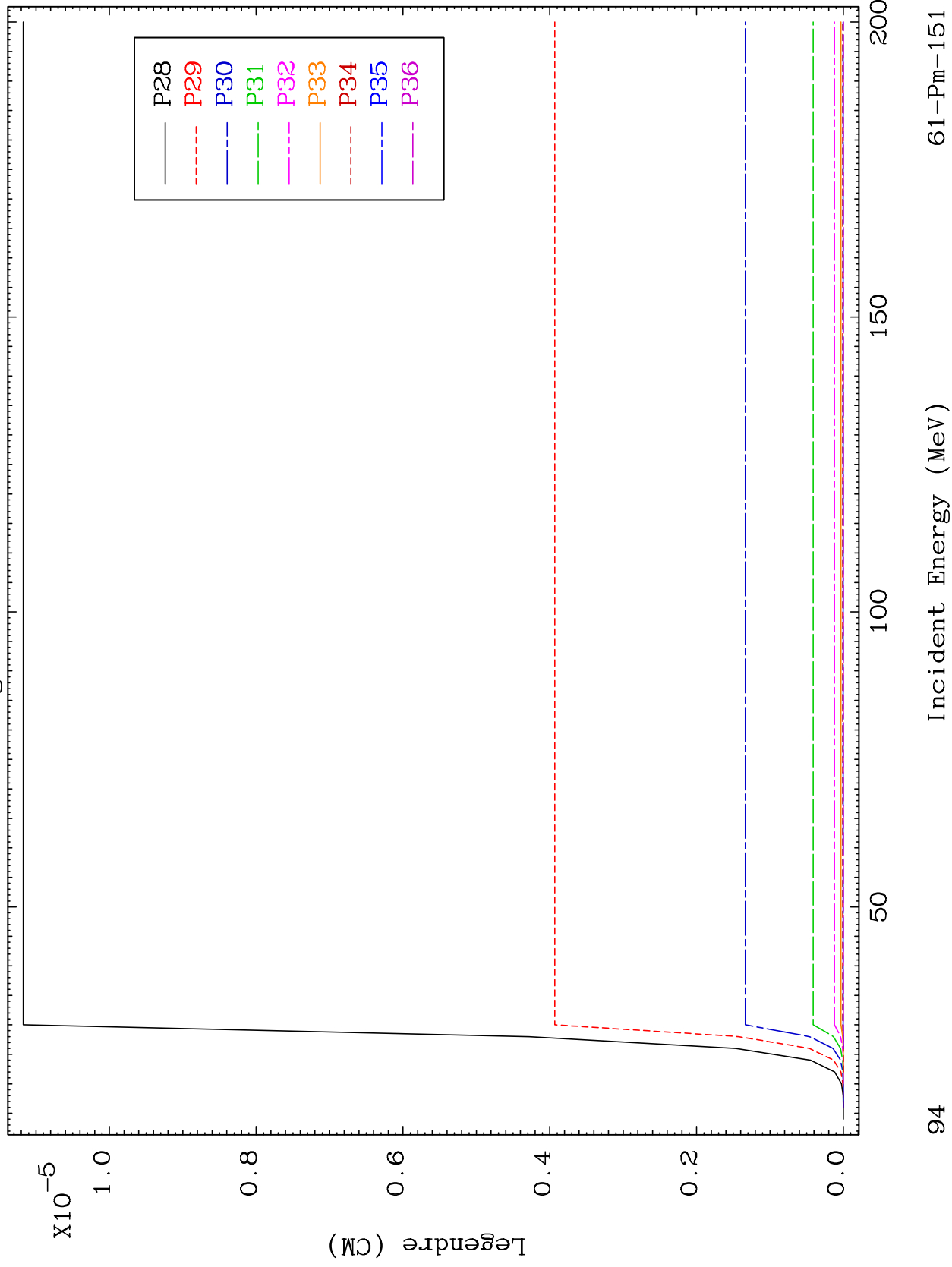
93

61-Pm-151

MAT 6161

MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-151

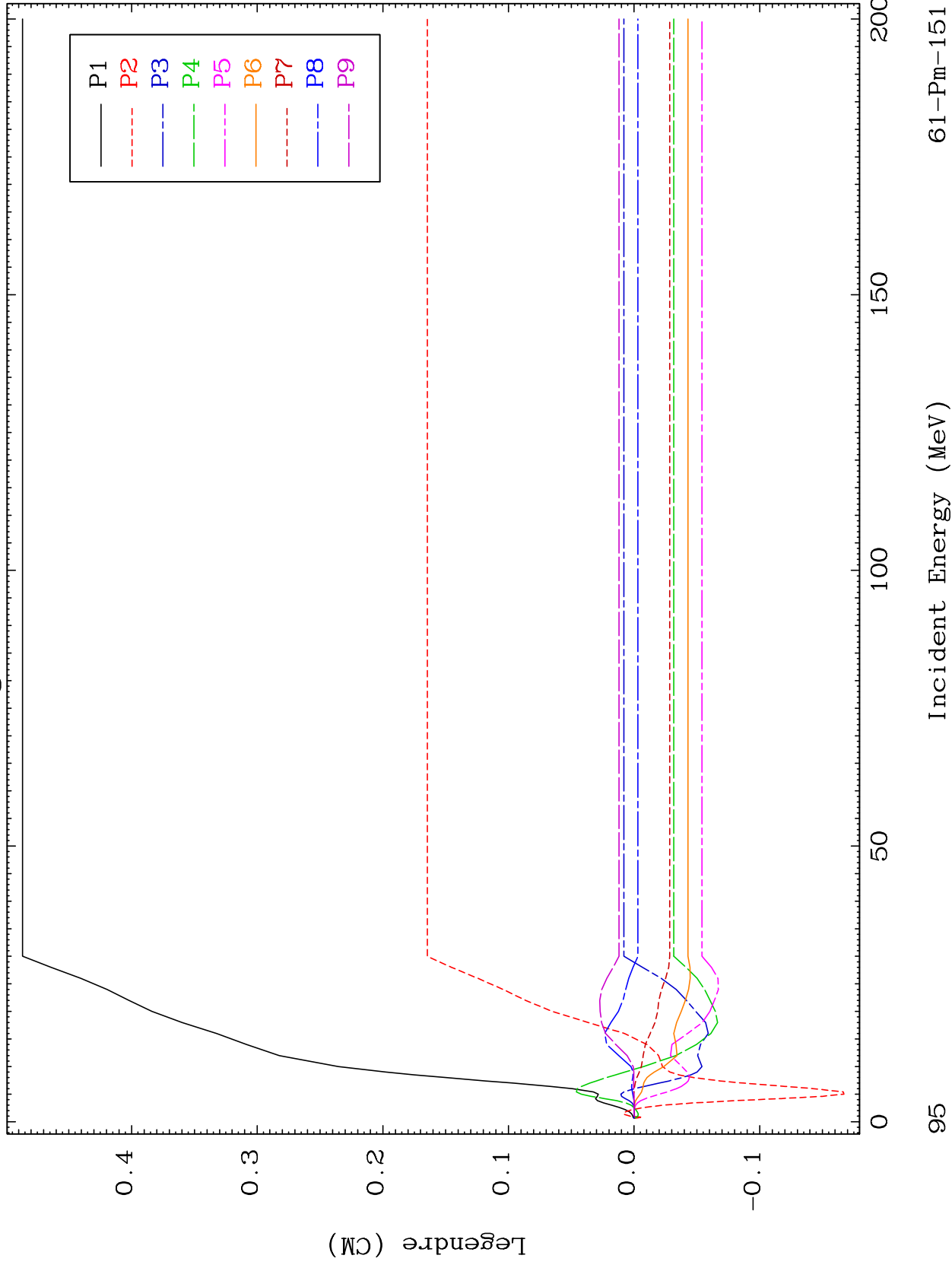


94

MAT 6161

MT= 71 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

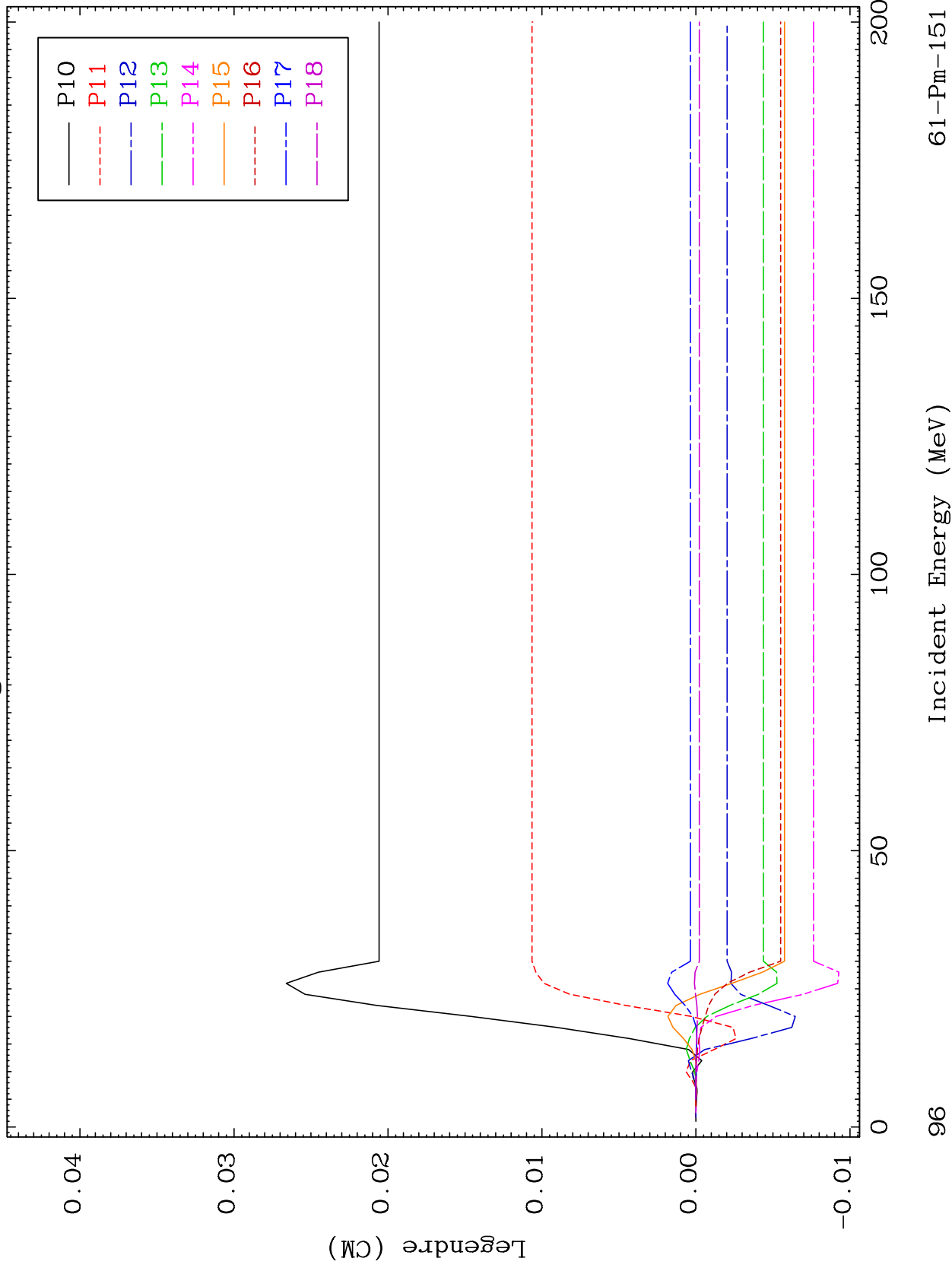
Incident Energy (MeV)

95

MAT 6161

MT= 71 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

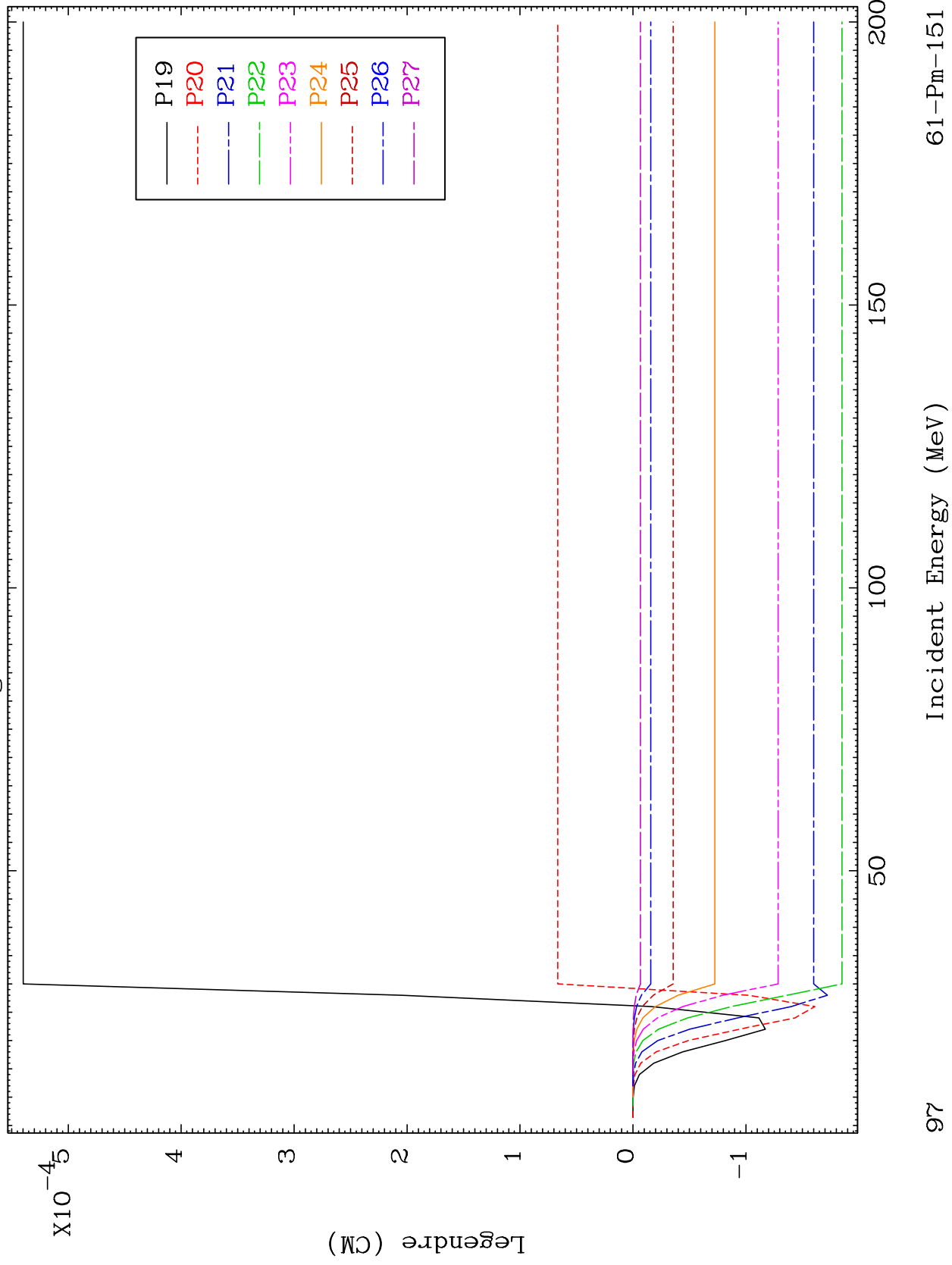
Incident Energy (MeV)

96

MAT 6161

MT= 71 (n,n') Level
Legendre Coefficients

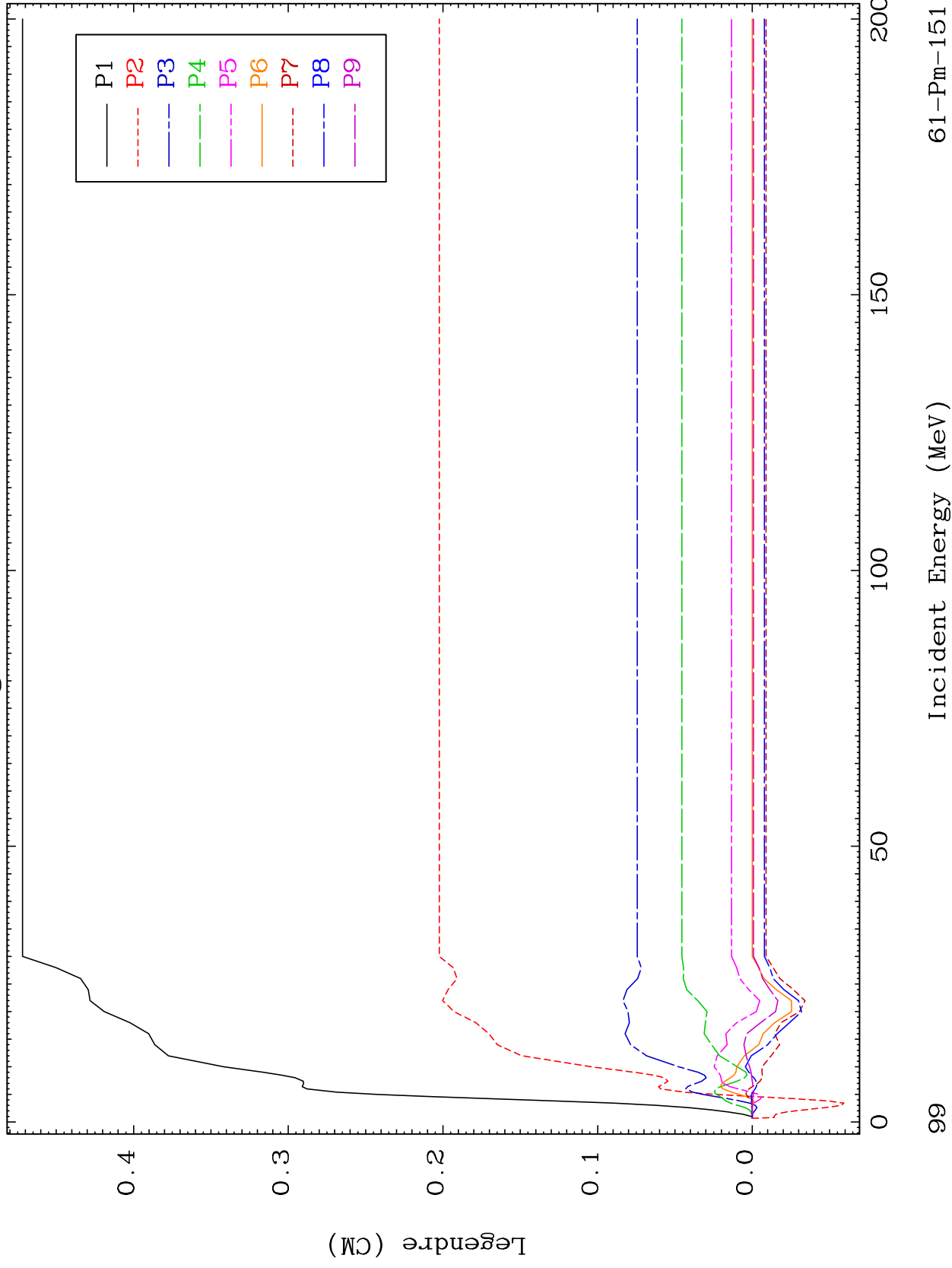
61-Pm-151



MAT 6161

61-Pm-151

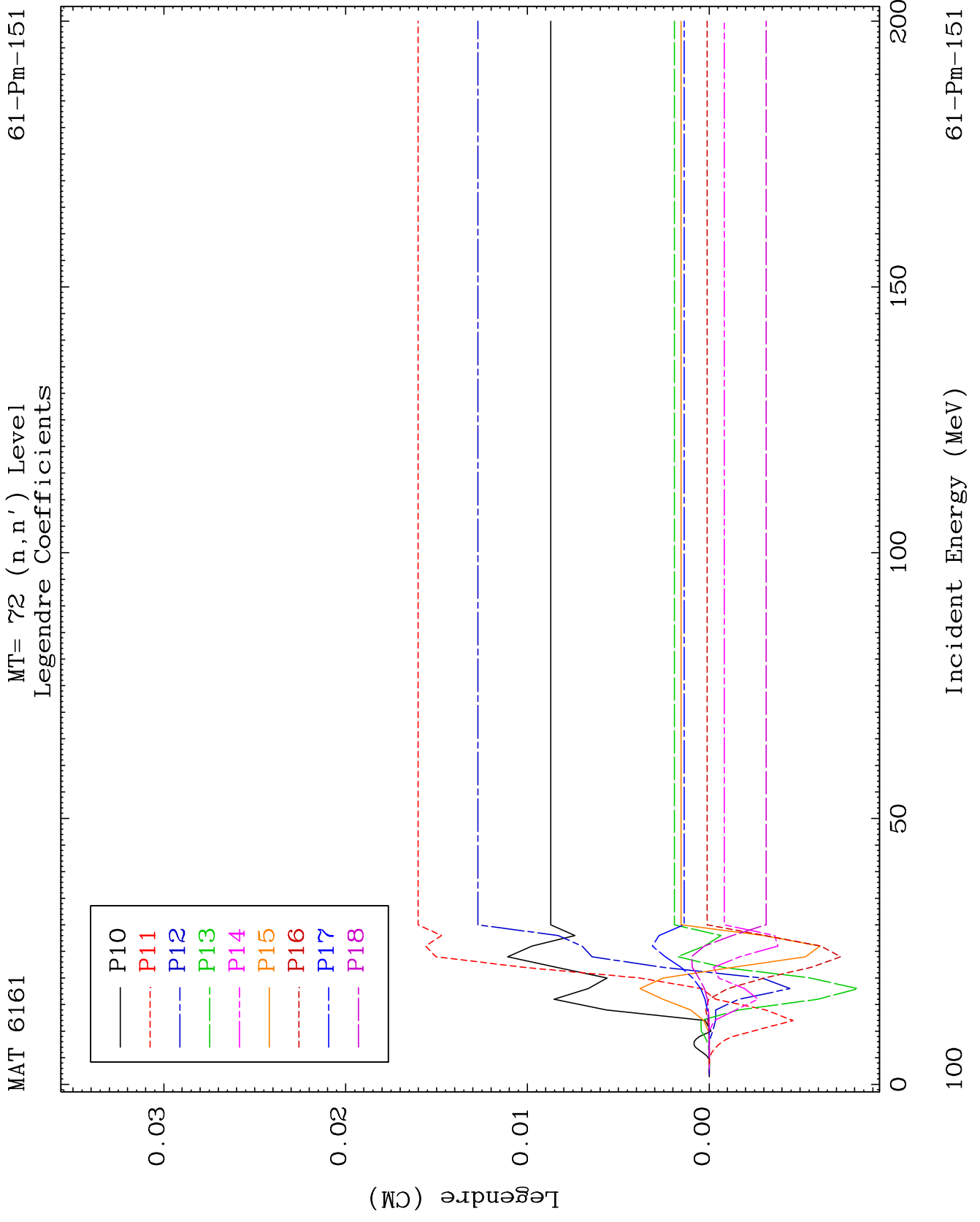
MT= 72 (n,n') Level
Legendre Coefficients



61-Pm-151

Incident Energy (MeV)

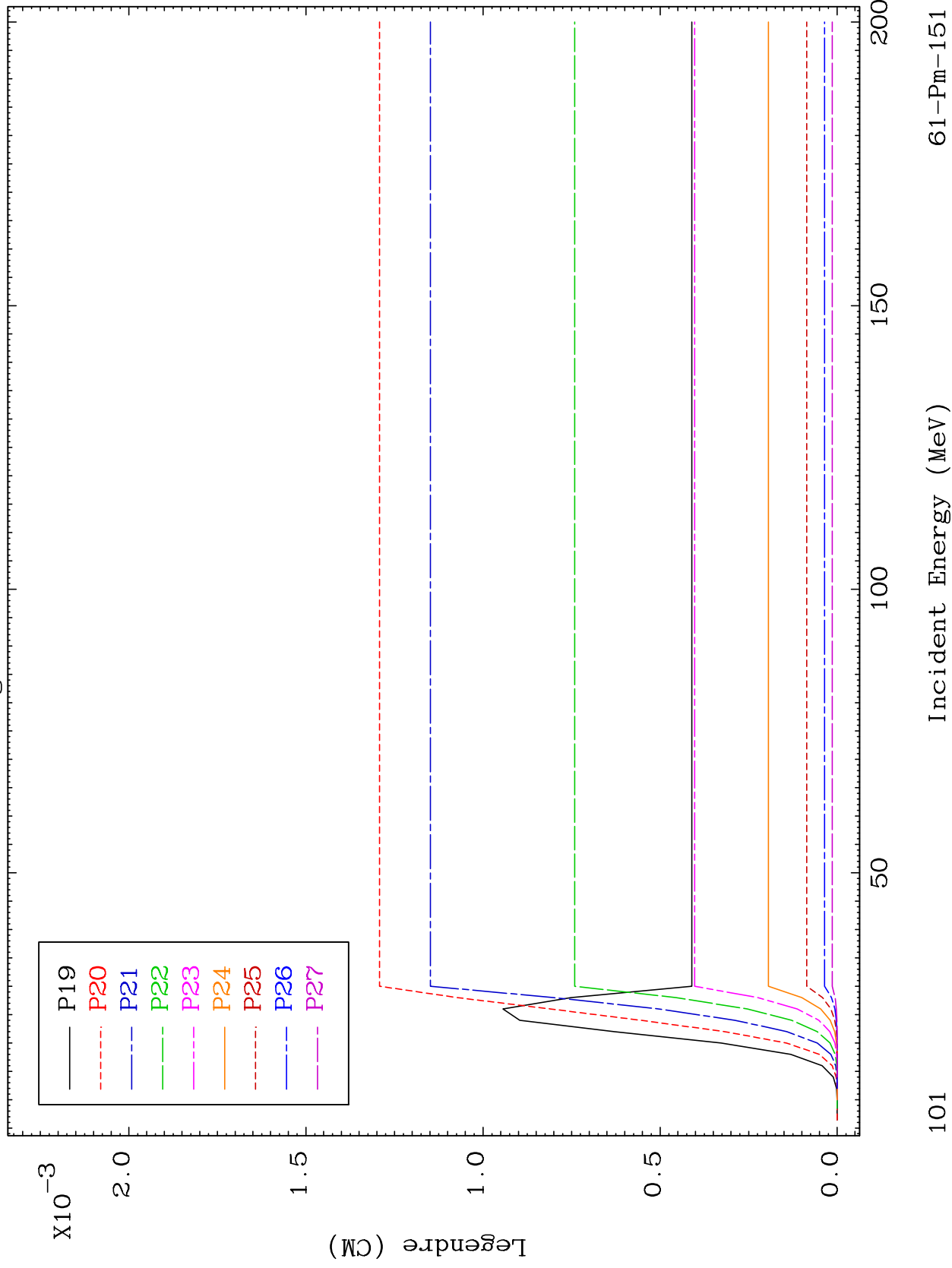
99



MAT 6161

MT= 72 (n,n') Level
Legendre Coefficients

61-Pm-151



101

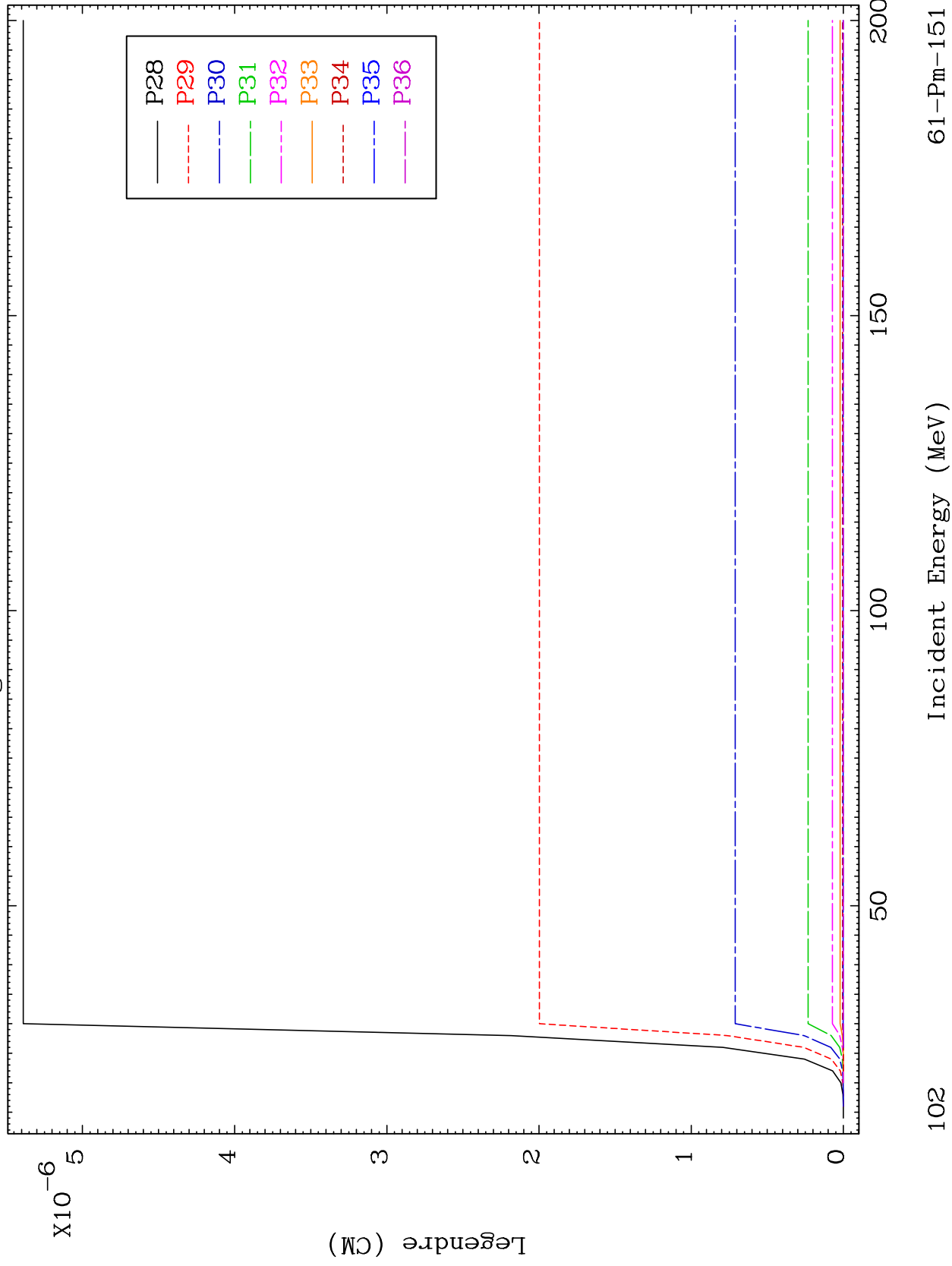
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 72 (n,n') Level
Legendre Coefficients

61-Pm-151

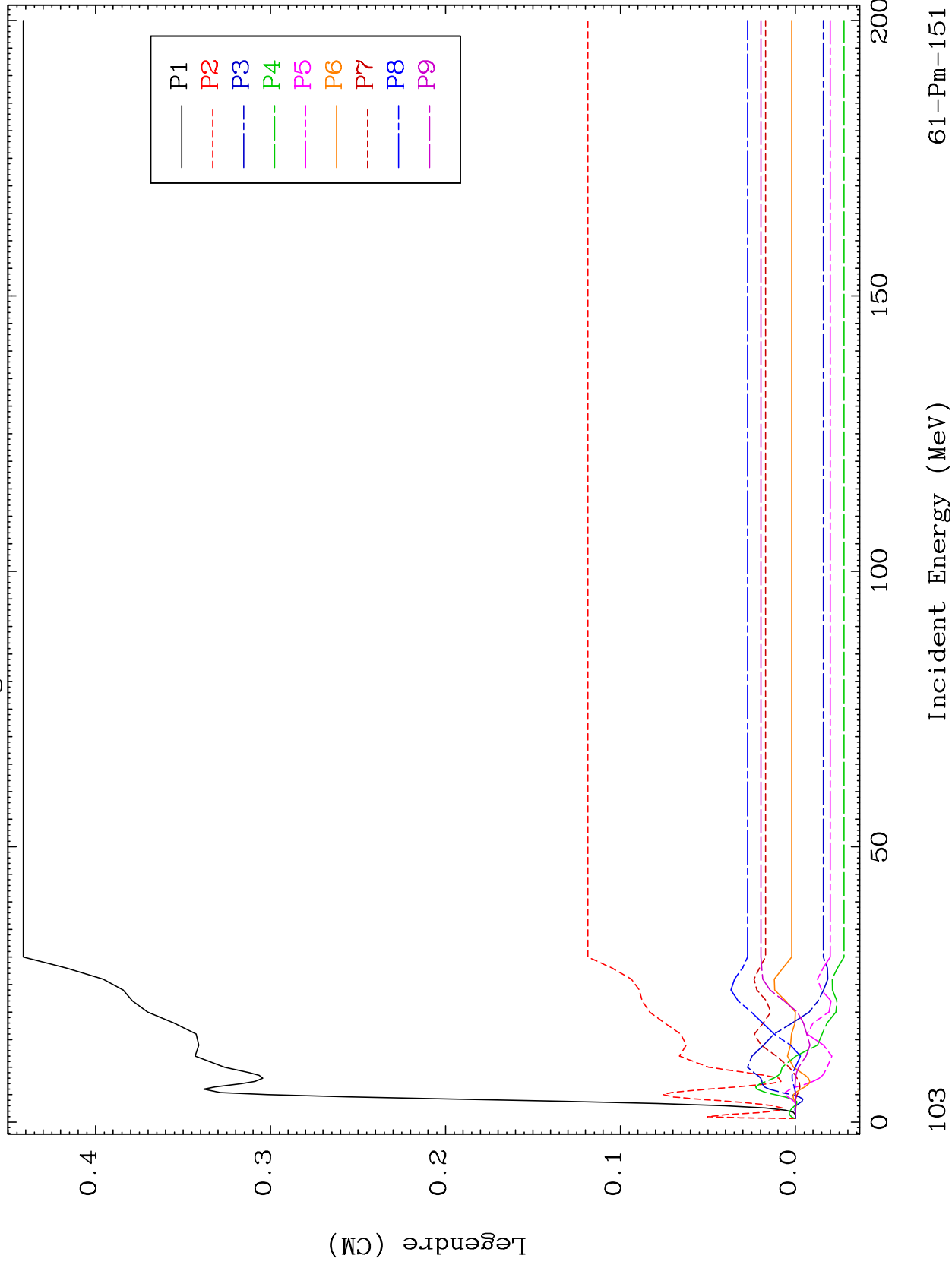


102

MAT 6161

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

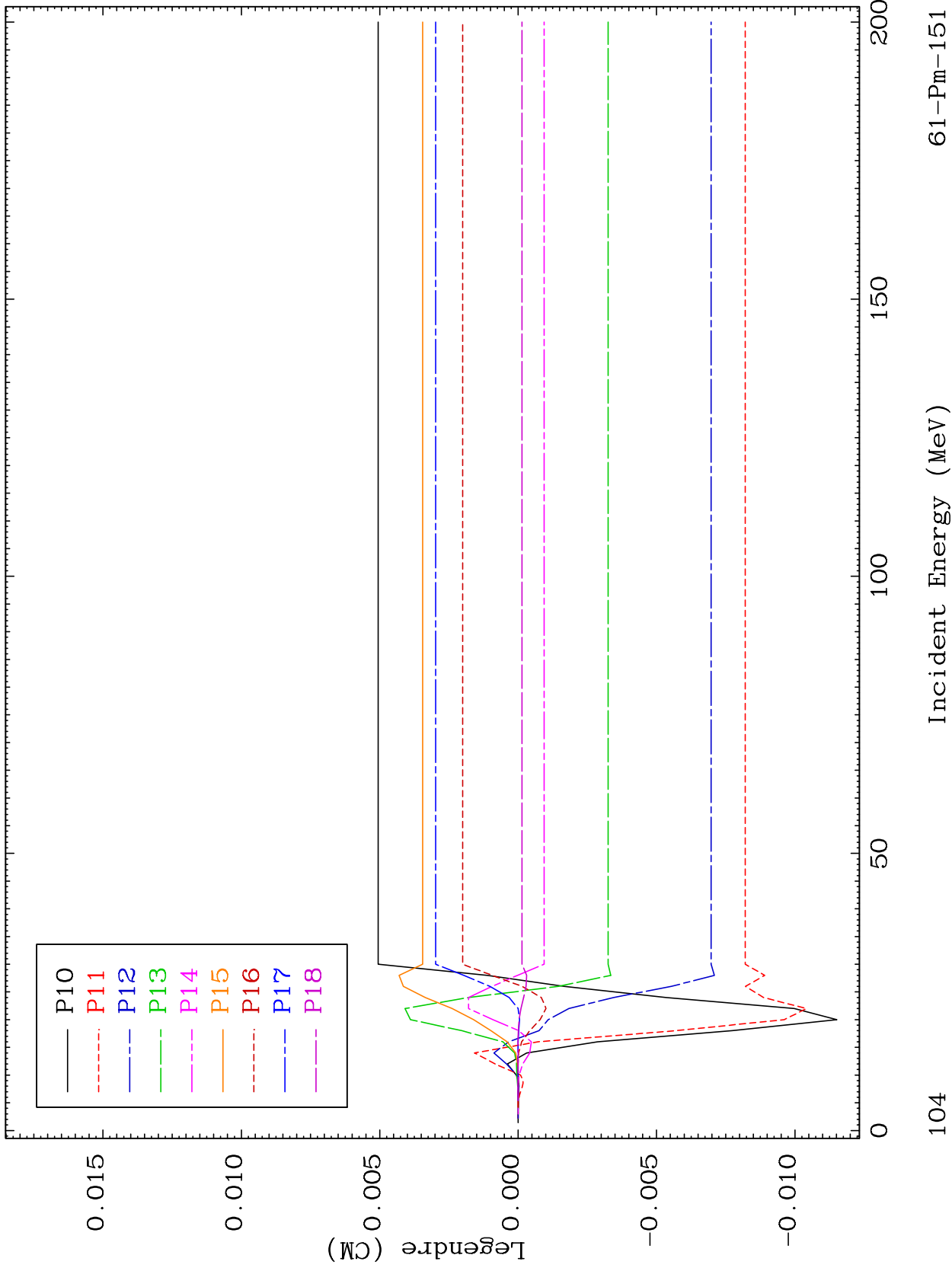
Incident Energy (MeV)

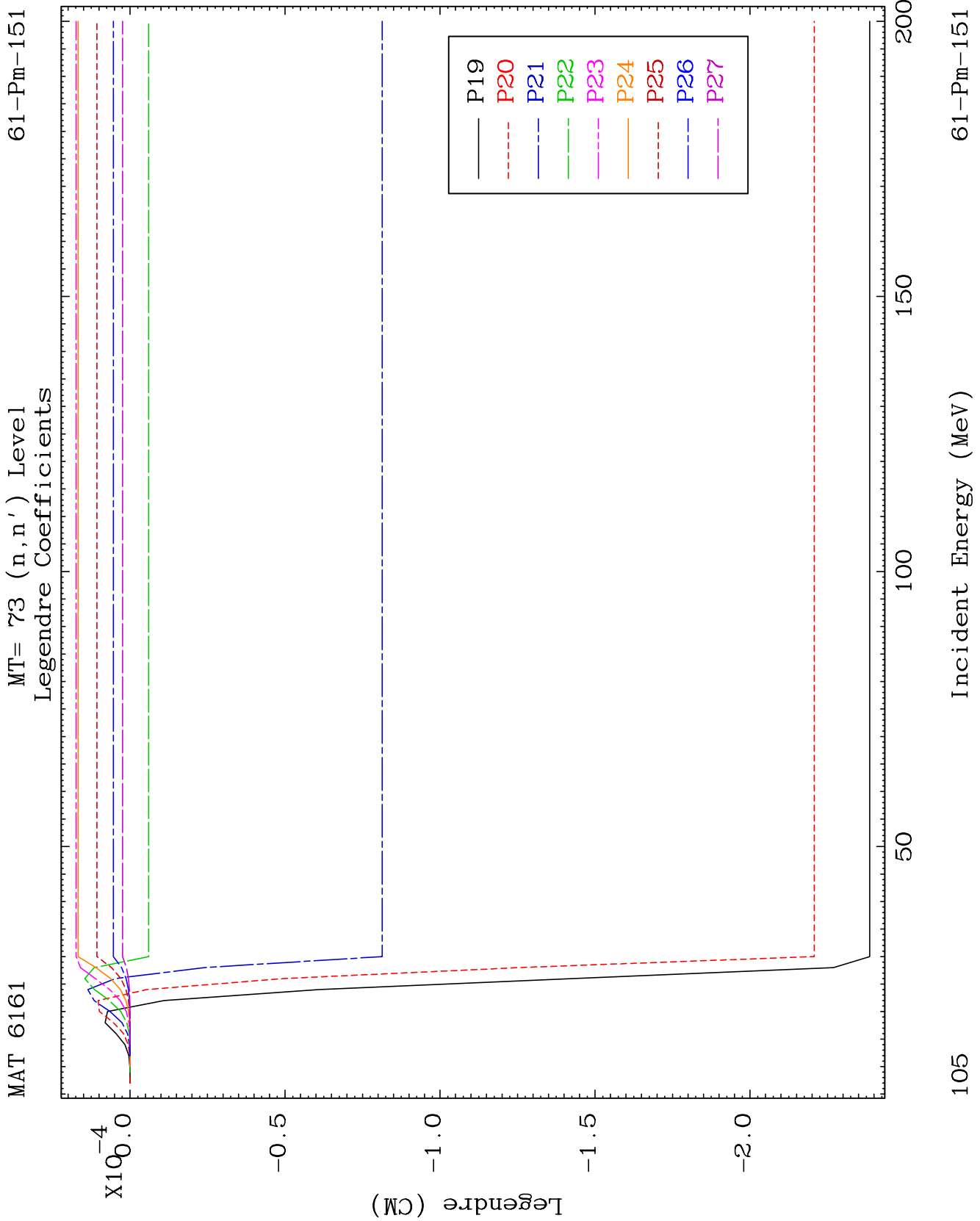
103

MAT 6161

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-151

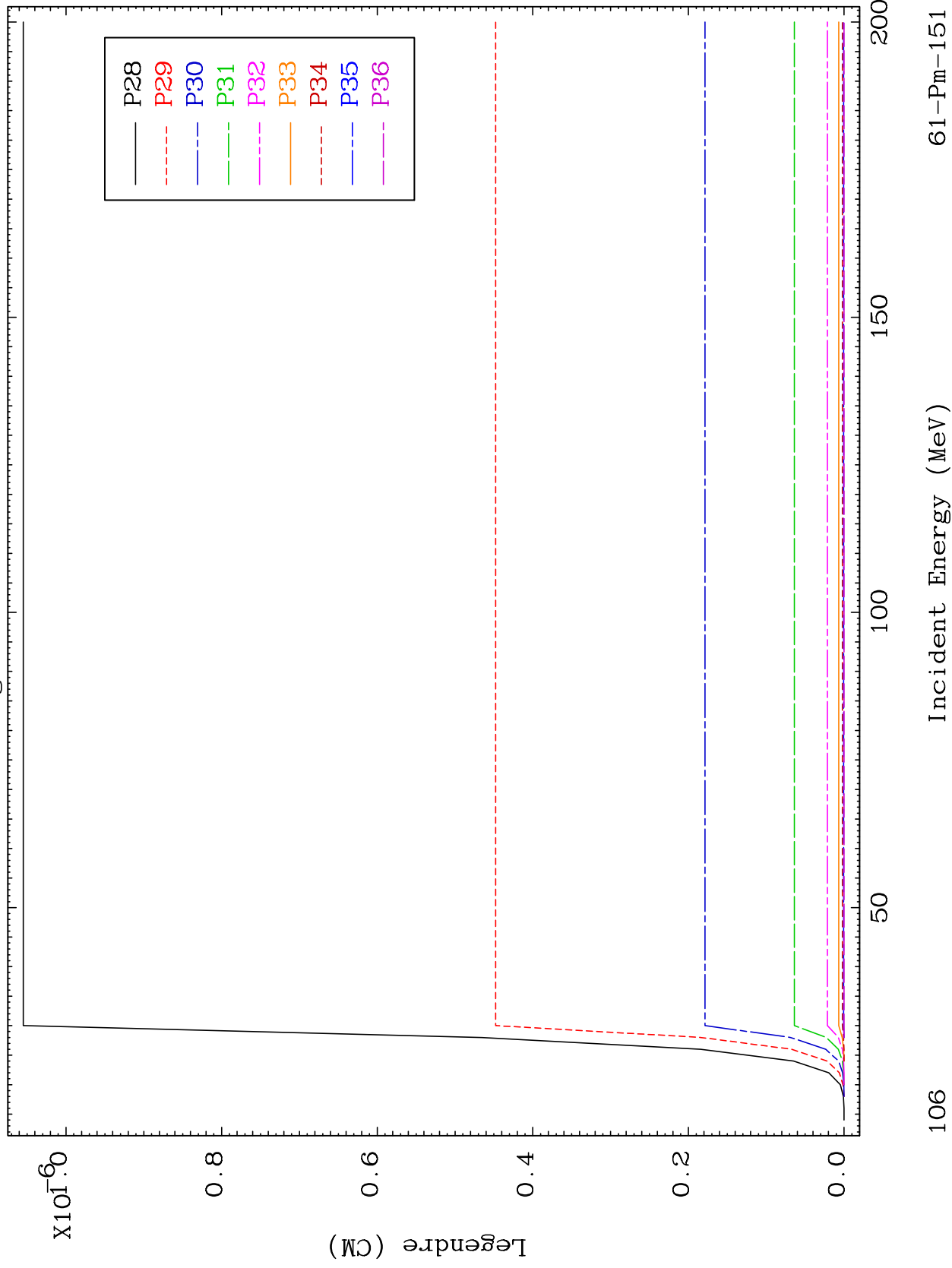




MAT 6161

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-151



106

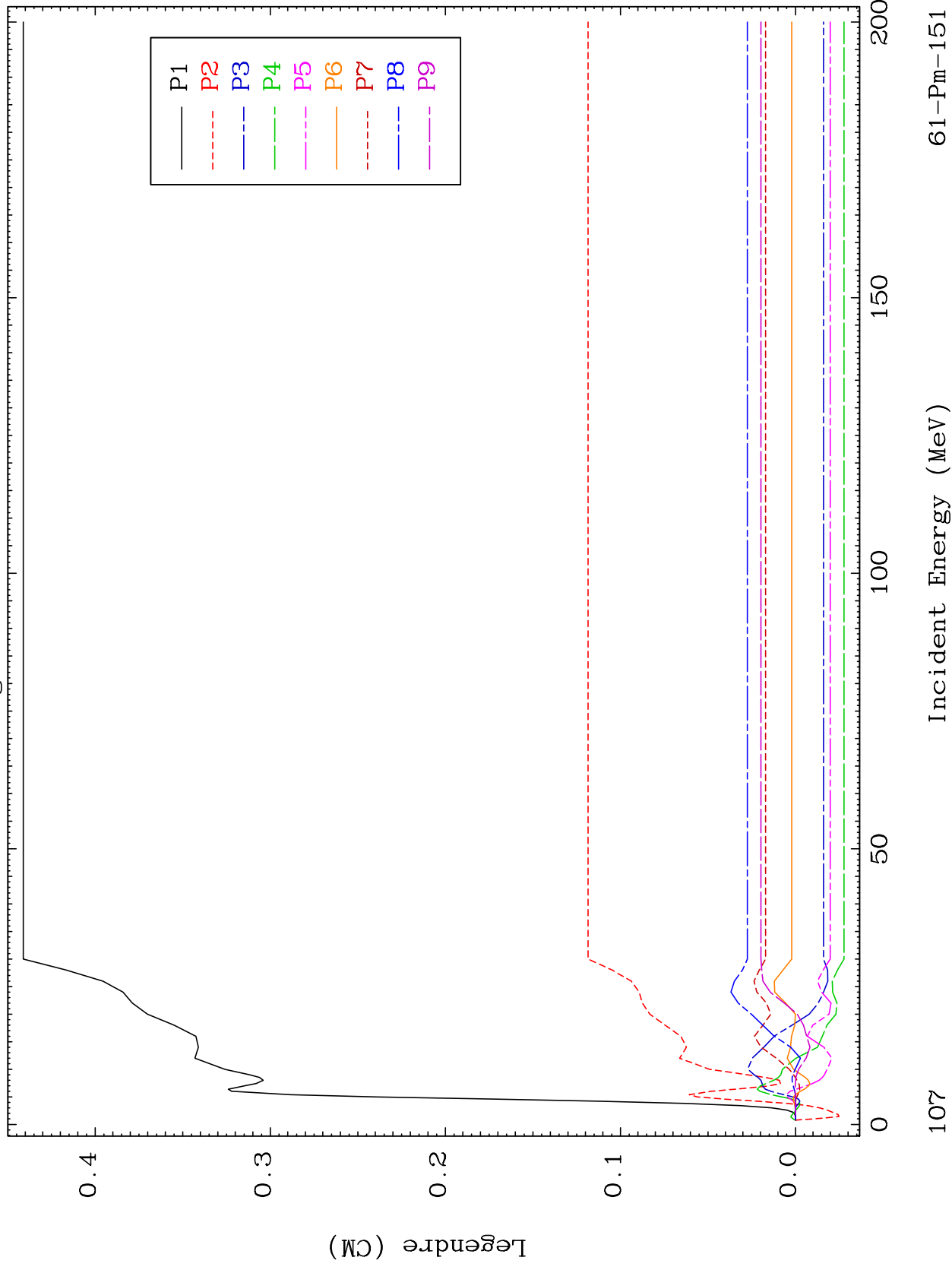
Incident Energy (MeV)

61-Pm-151

MAT 6161

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

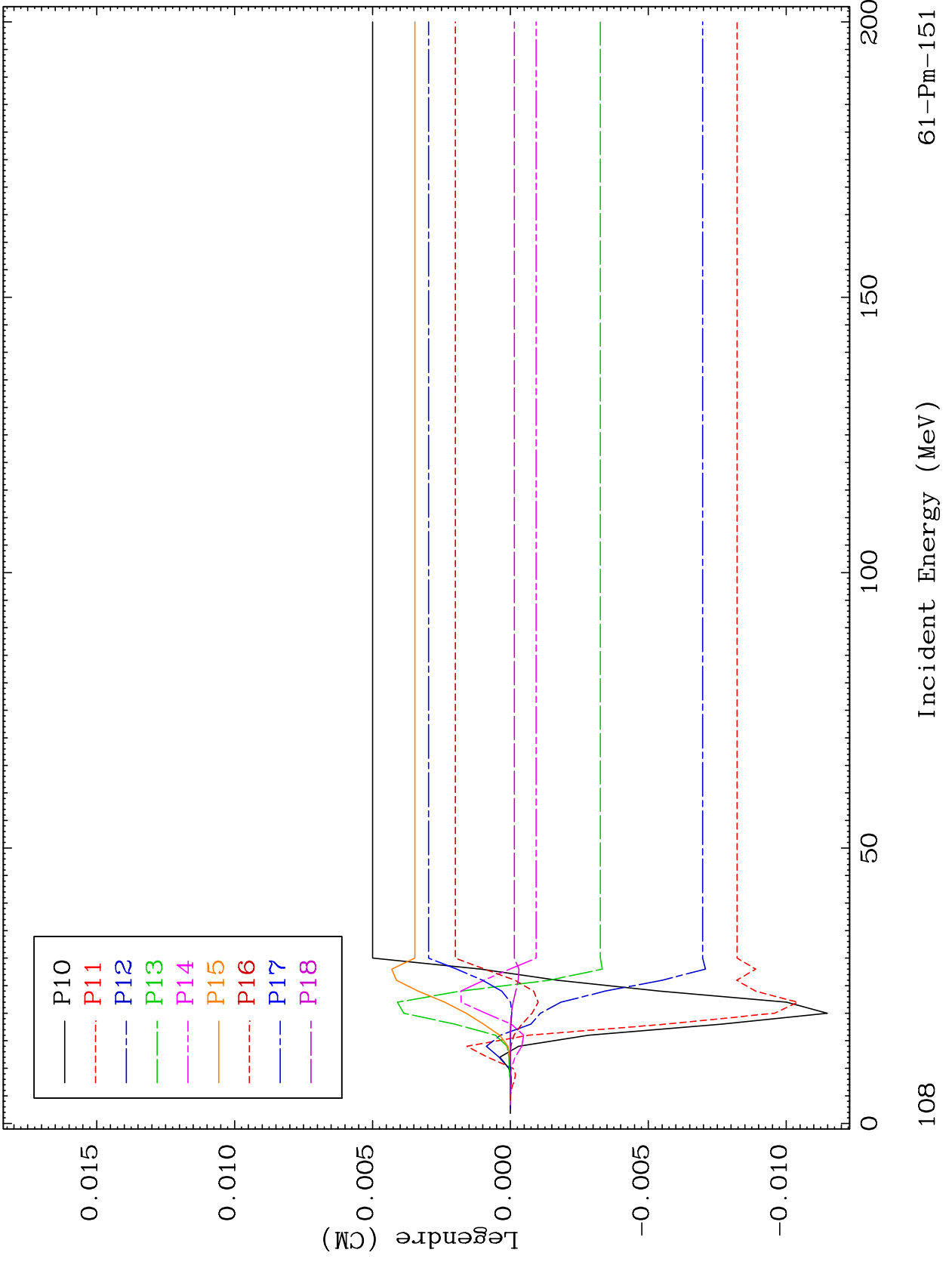
Incident Energy (MeV)

107

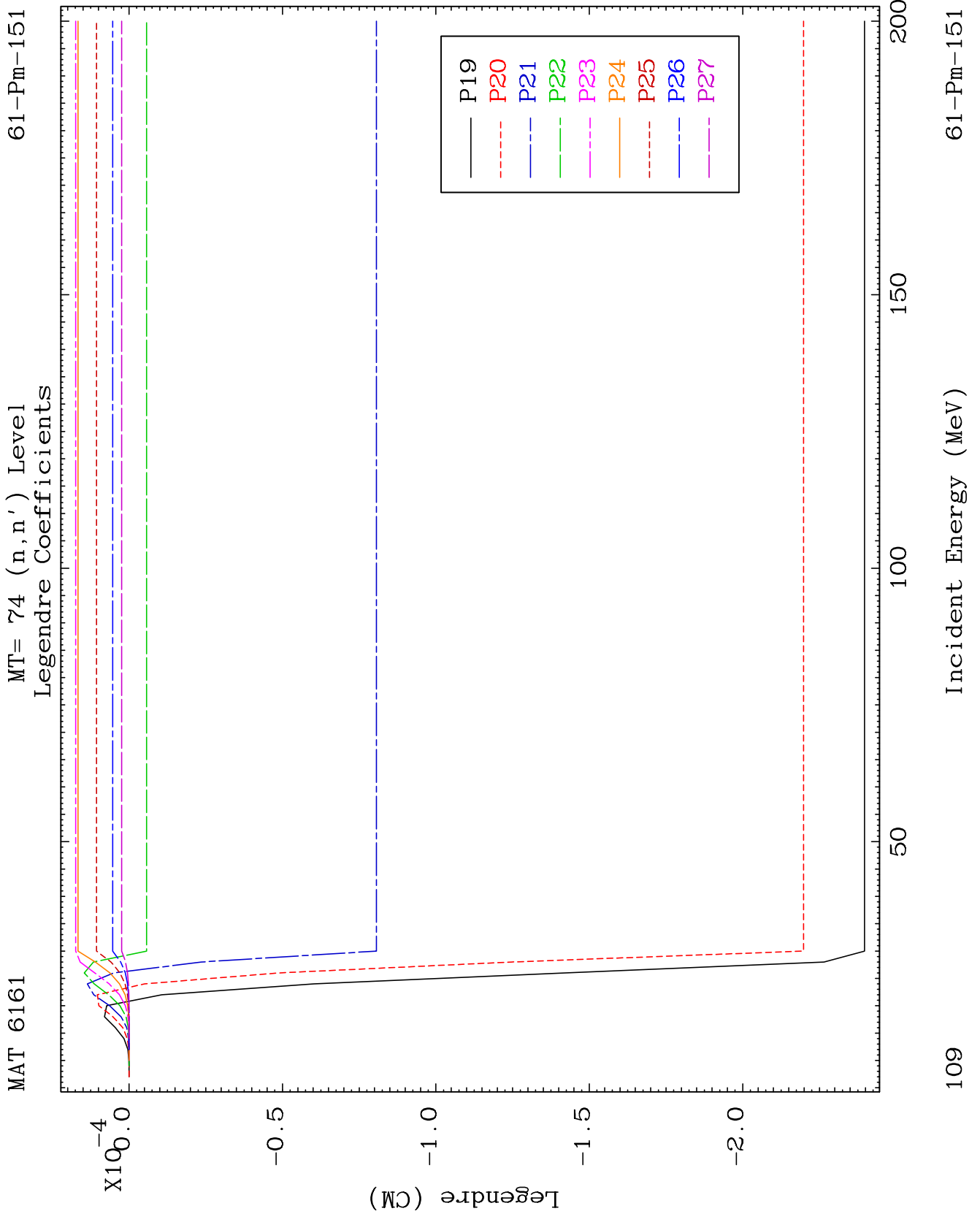
MAT 6161

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-151



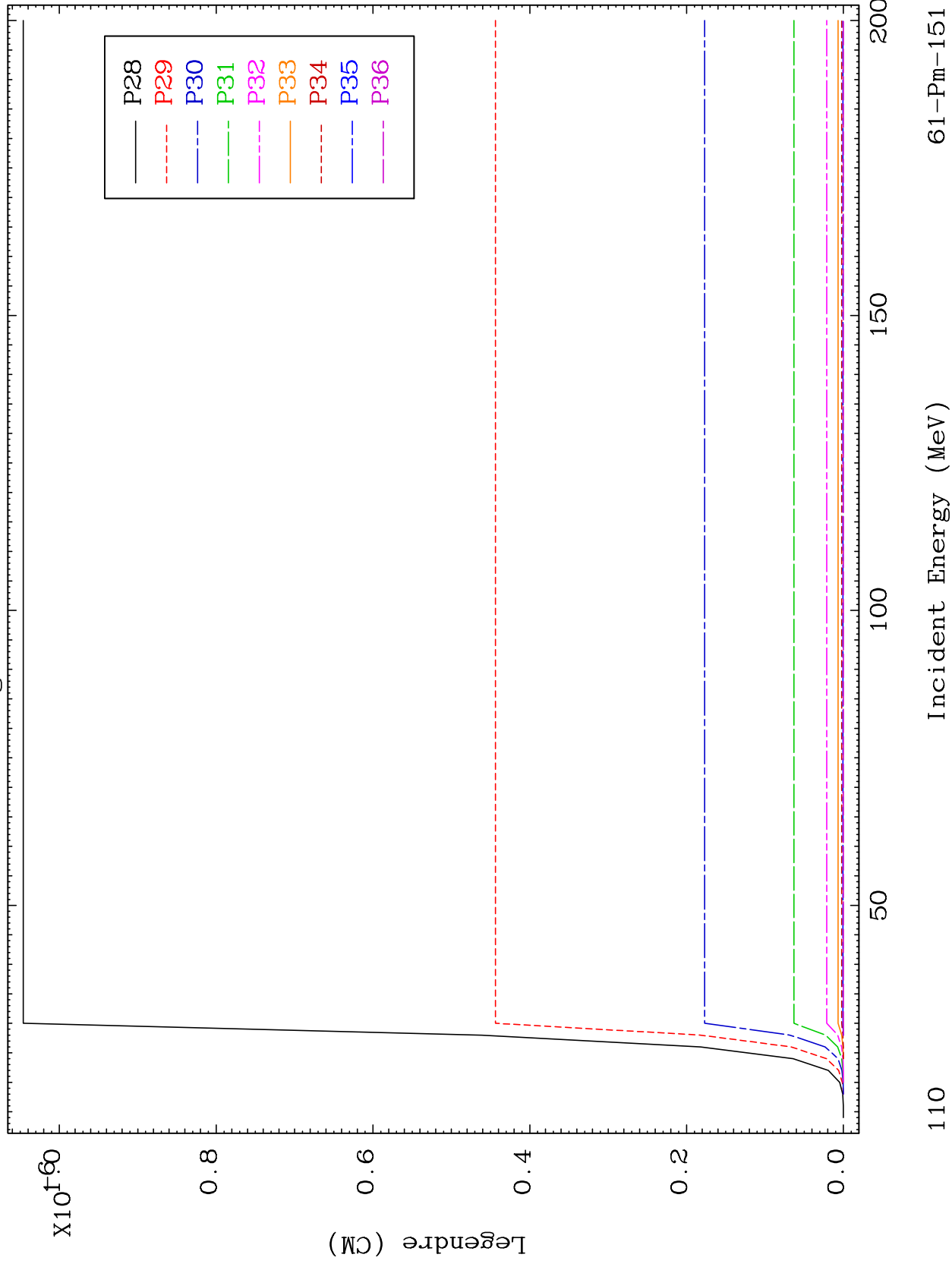
108



MAT 6161

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-151



61-Pm-151

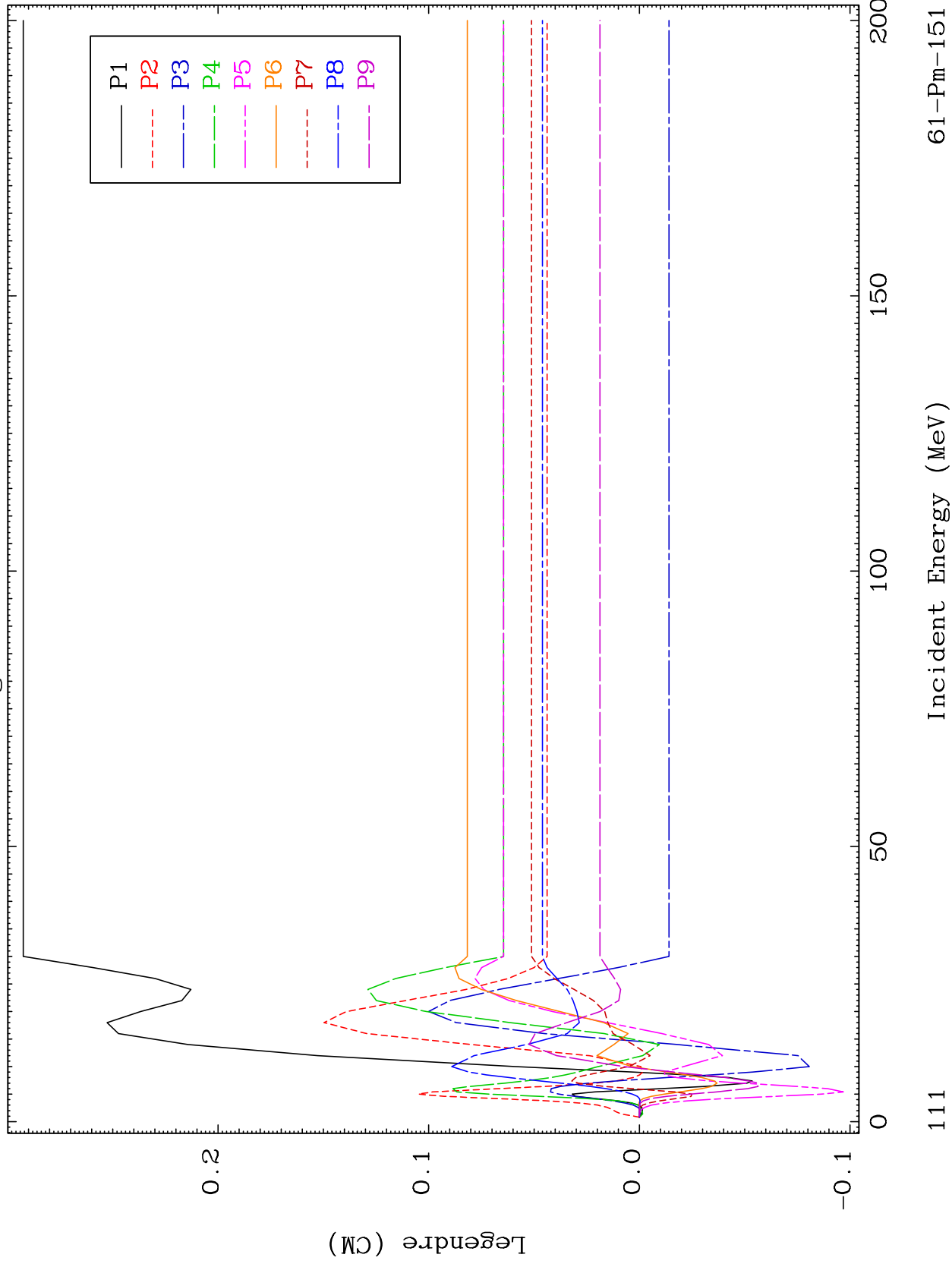
Incident Energy (MeV)

110

MAT 6161

MT= 75 (n,n') Level
Legendre Coefficients

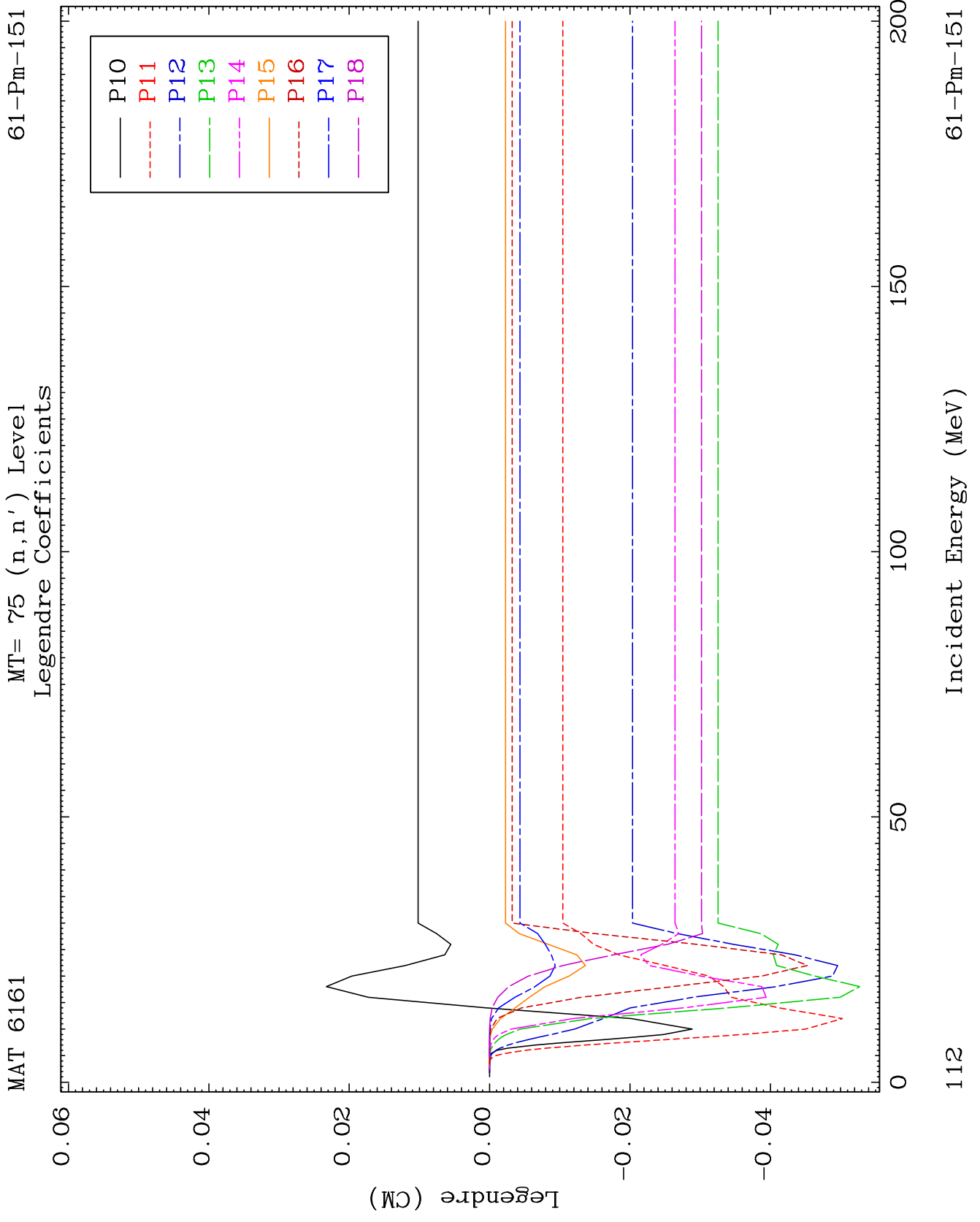
61-Pm-151



61-Pm-151

Incident Energy (MeV)

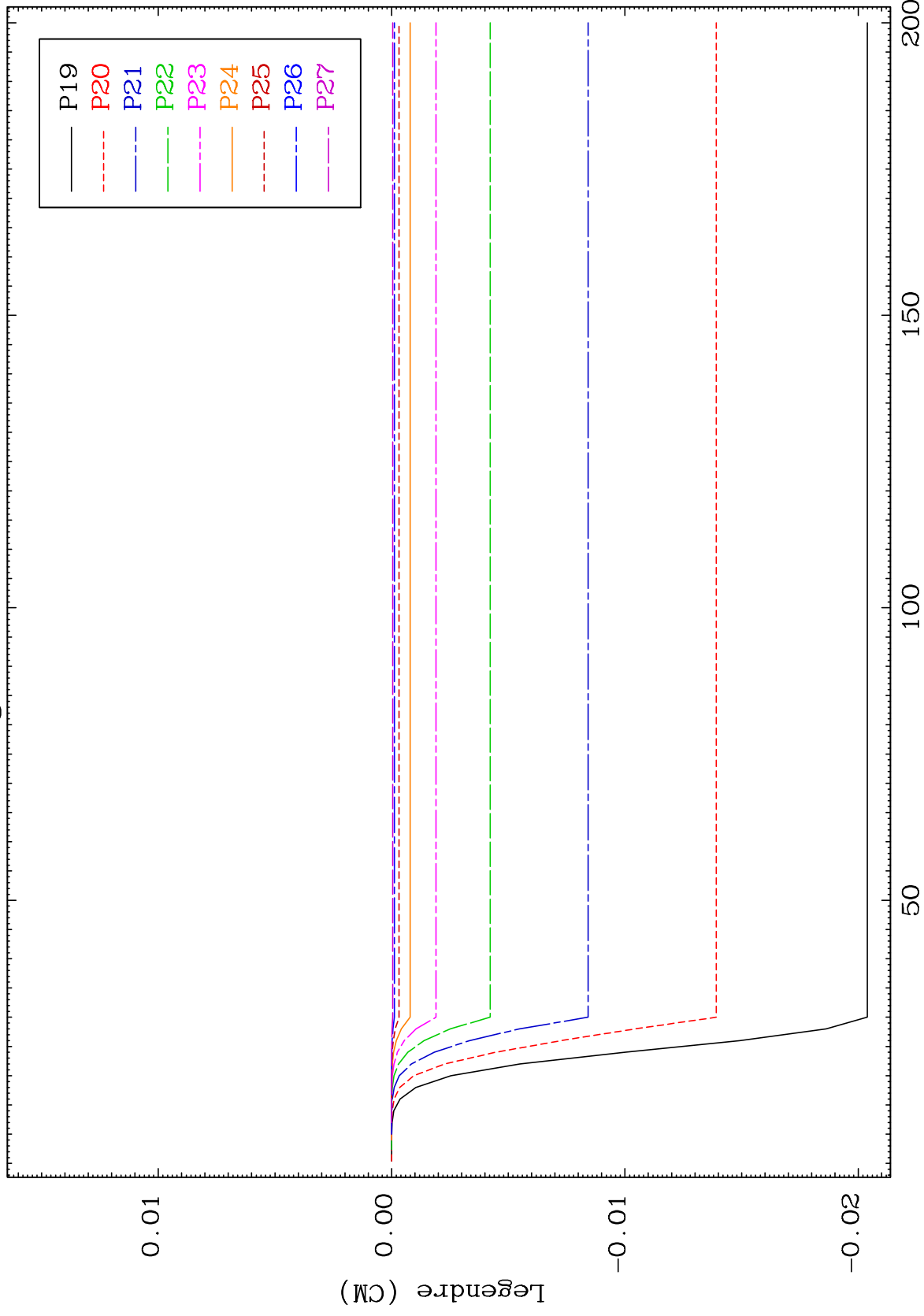
111



MAT 6161

MT= 75 (n,n') Level
Legendre Coefficients

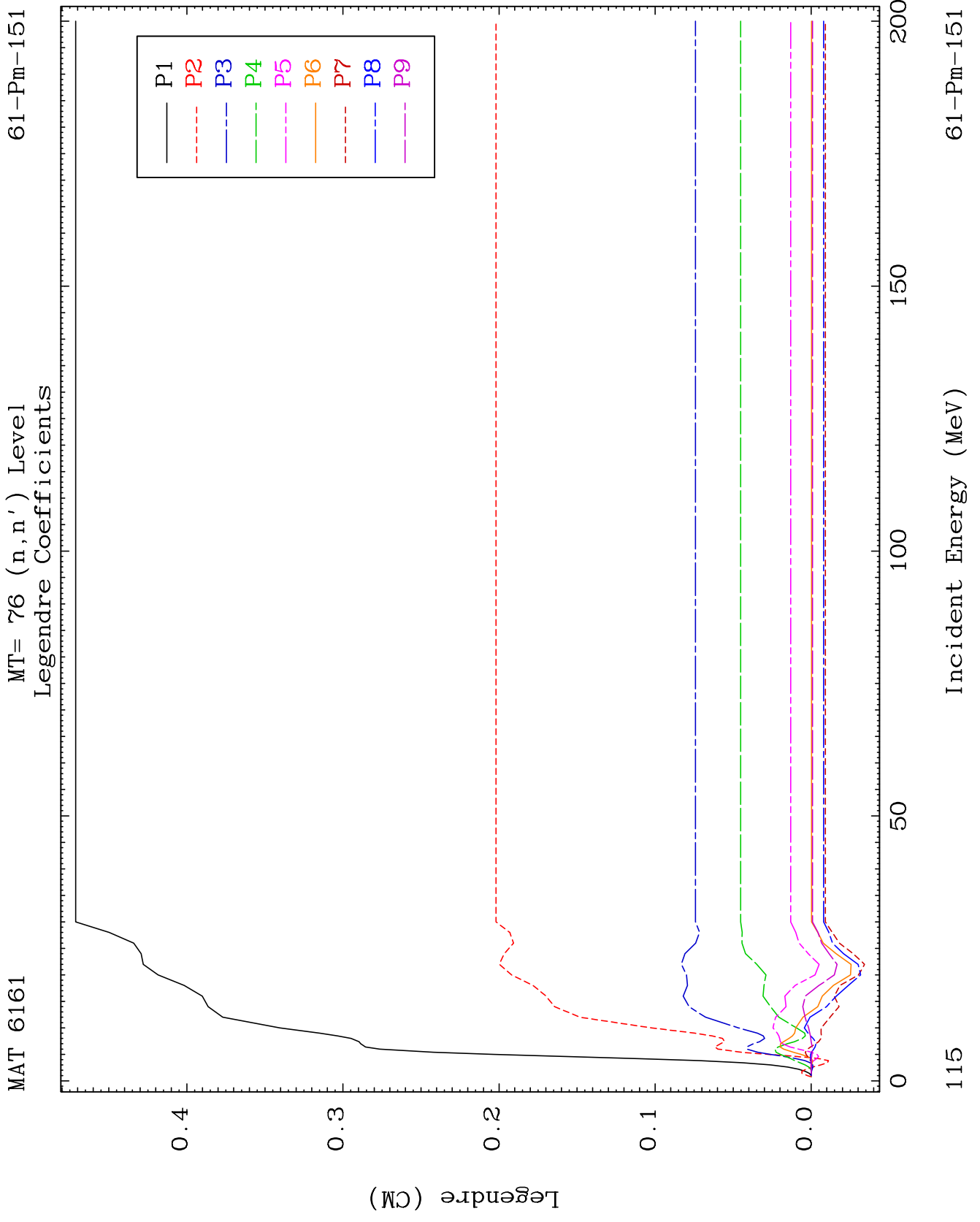
61-Pm-151

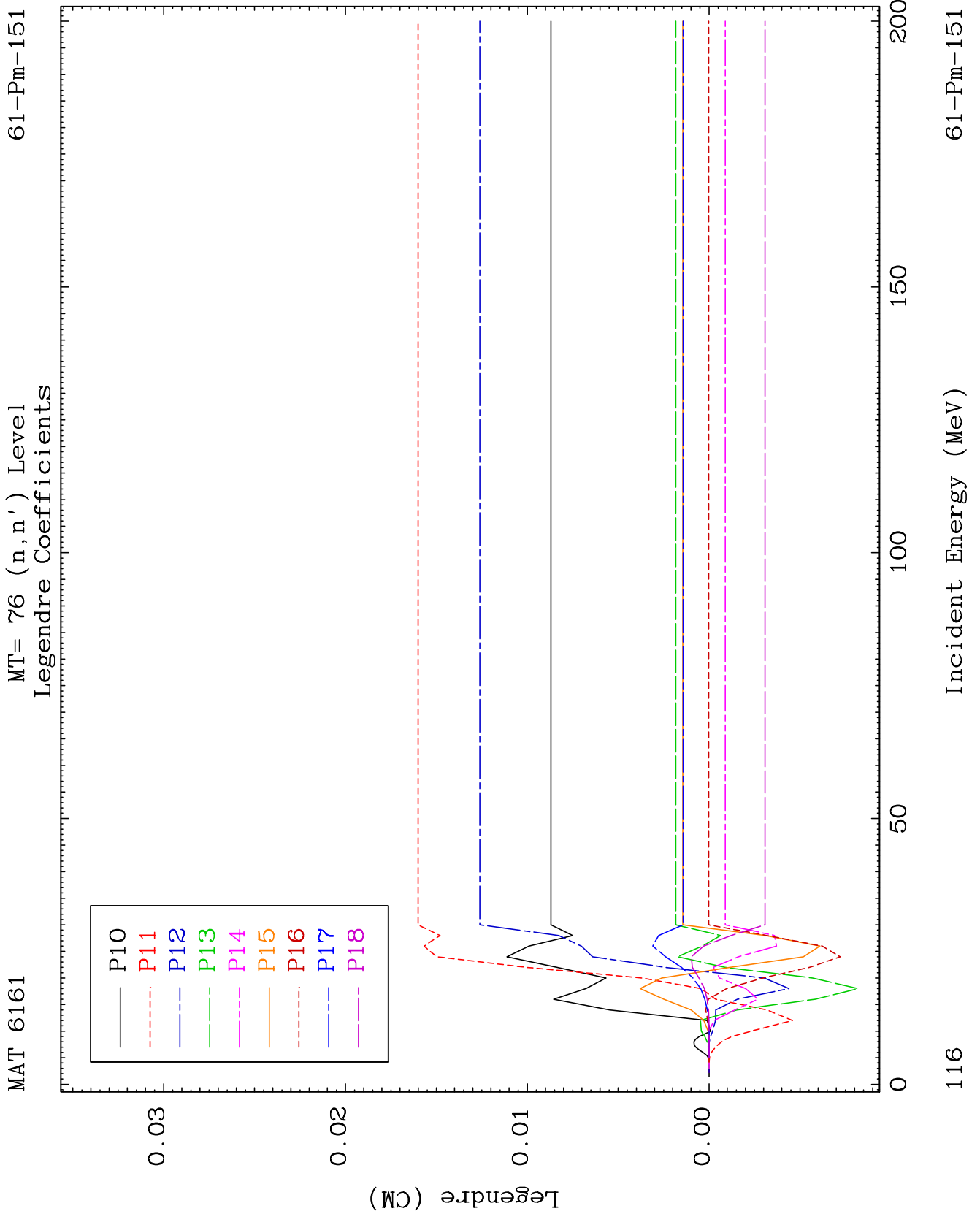


113

Incident Energy (MeV)

61-Pm-151

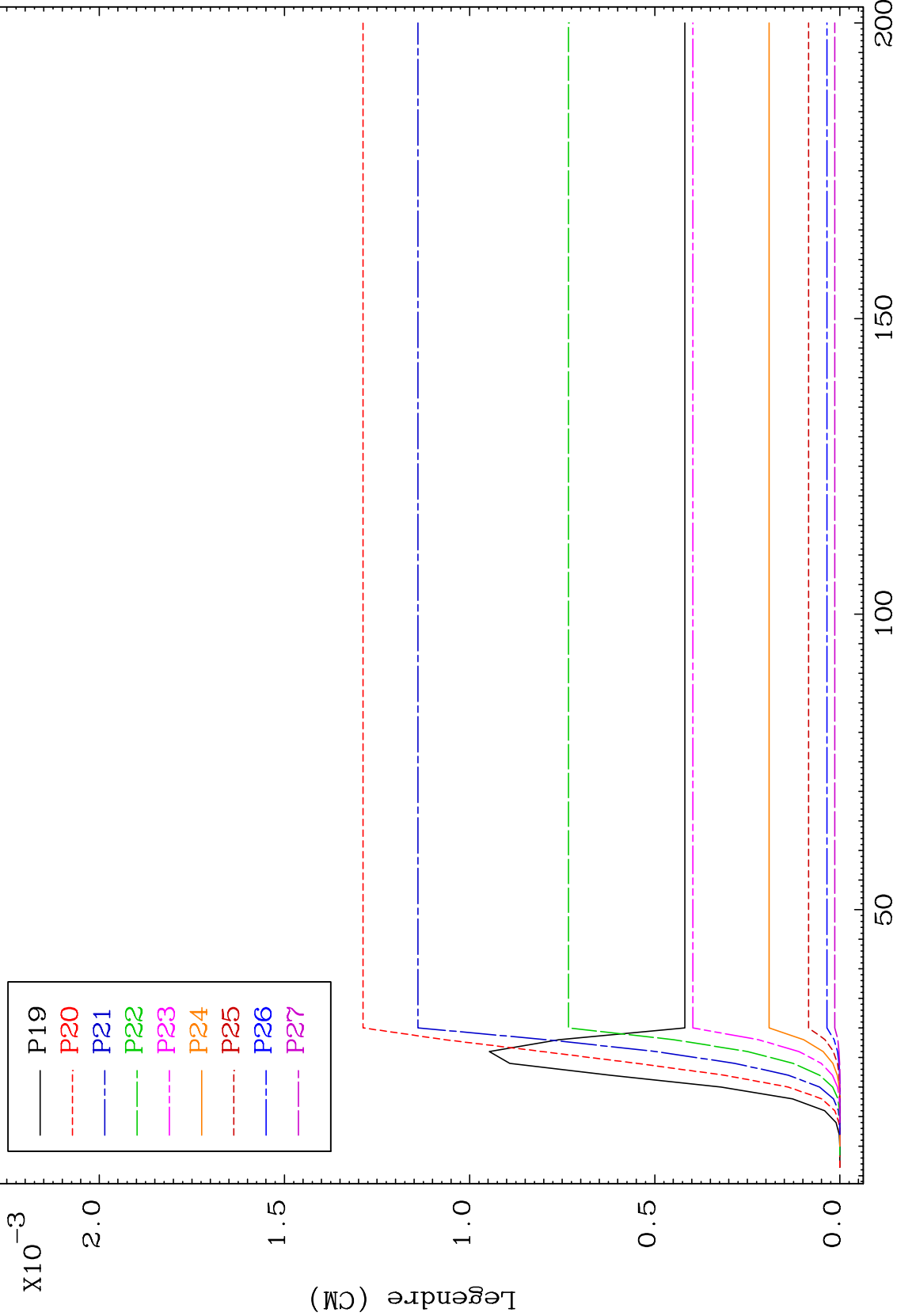
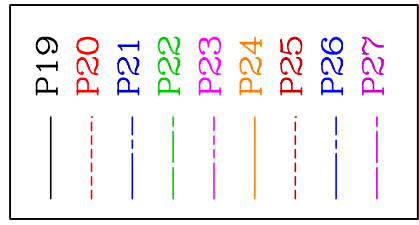




MAT 6161

MT= 76 (n,n') Level
Legendre Coefficients

61-Pm-151



117

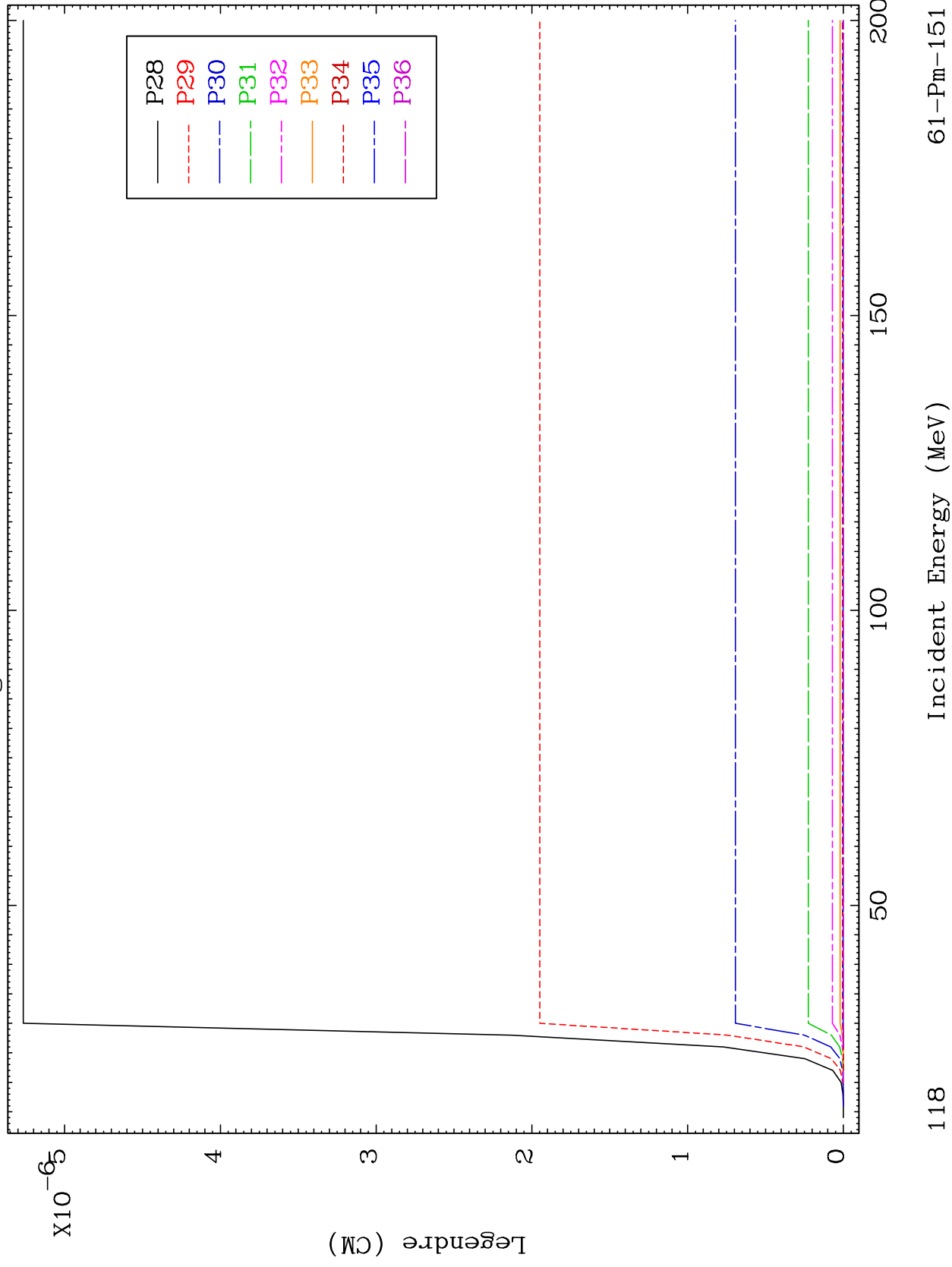
Incident Energy (MeV)

61-Pm-151

MAT 6161

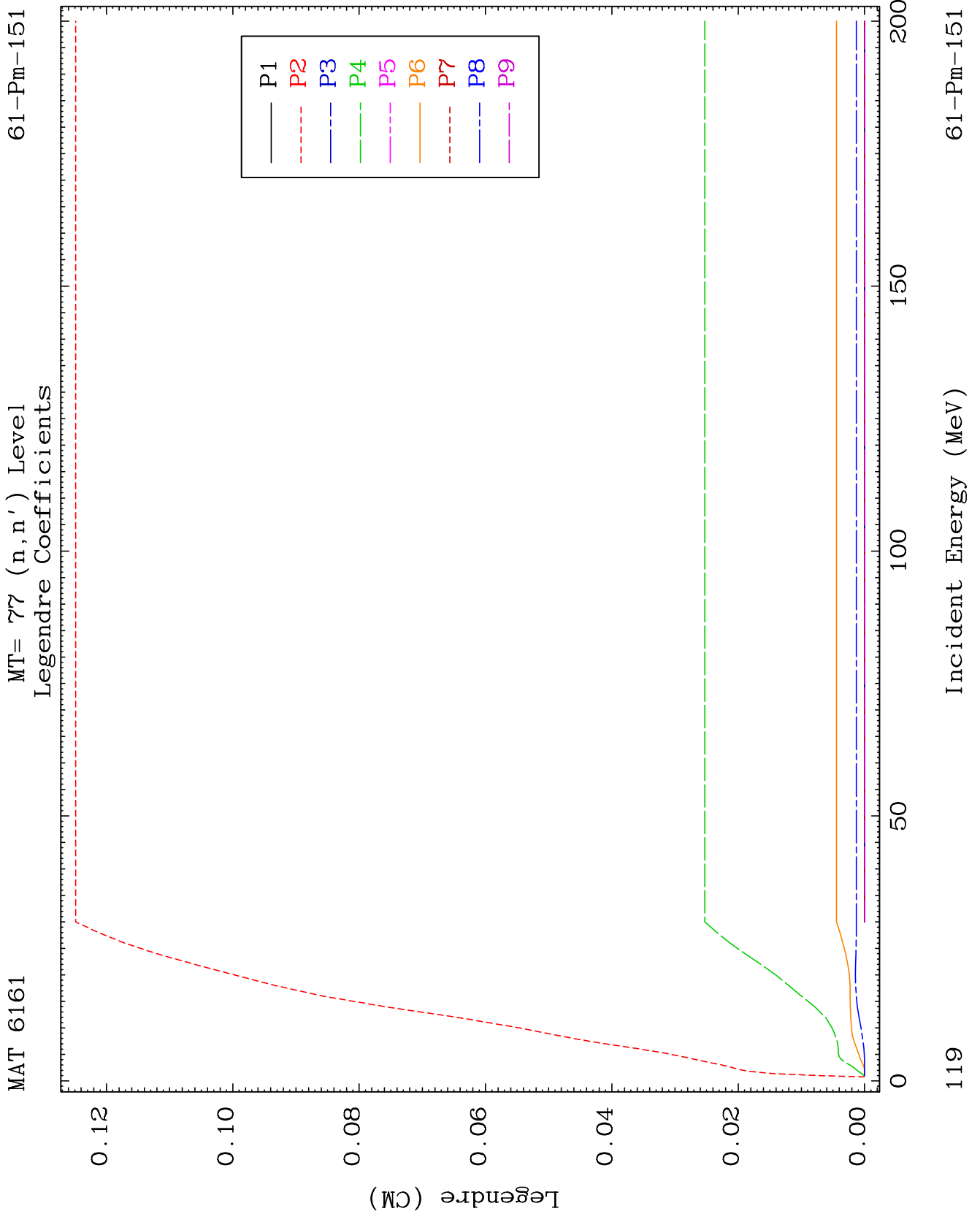
MT= 76 (n,n') Level
Legendre Coefficients

61-Pm-151



118

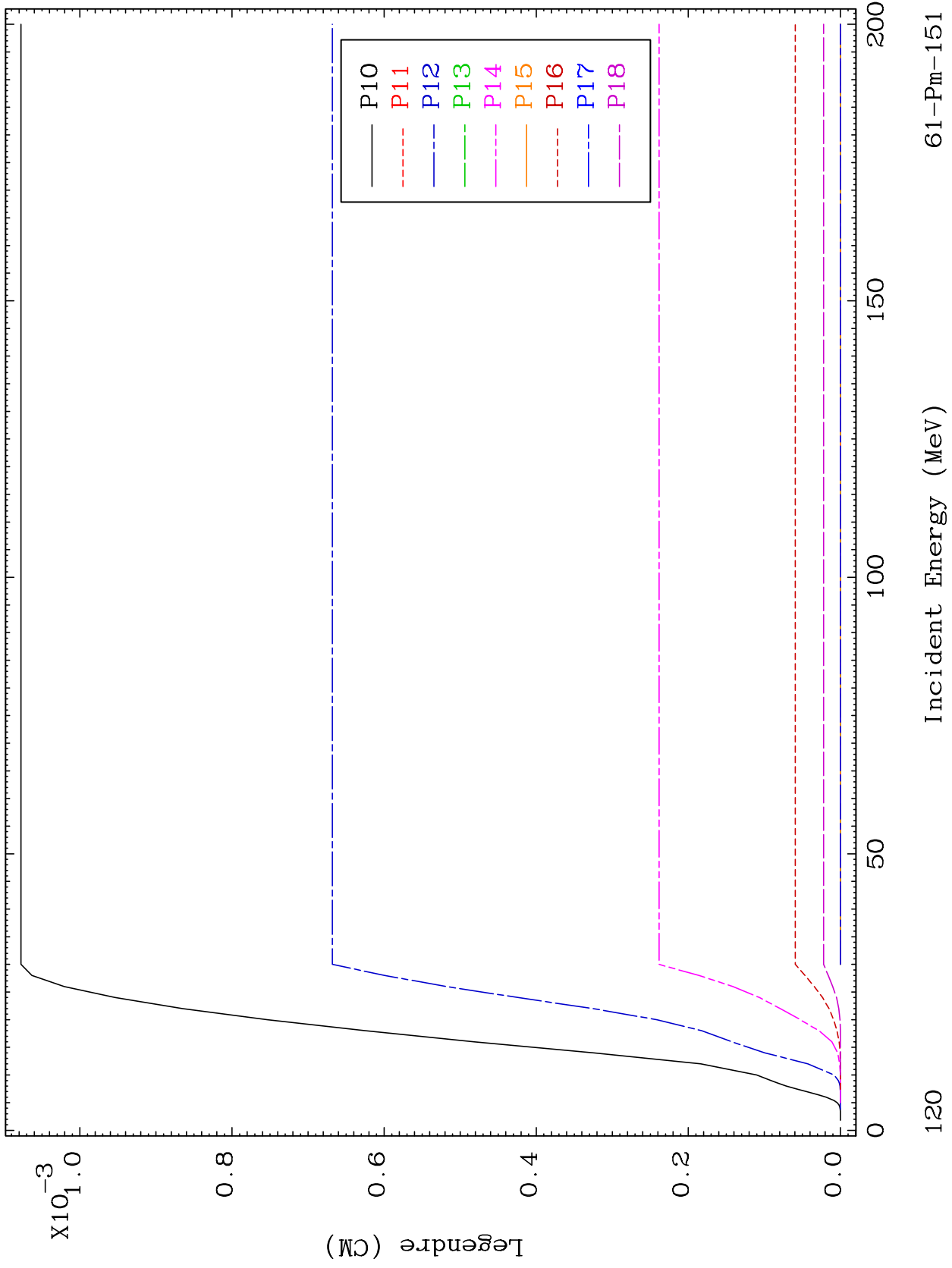
61-Pm-151



MAT 6161

MT= 77 (n,n') Level
Legendre Coefficients

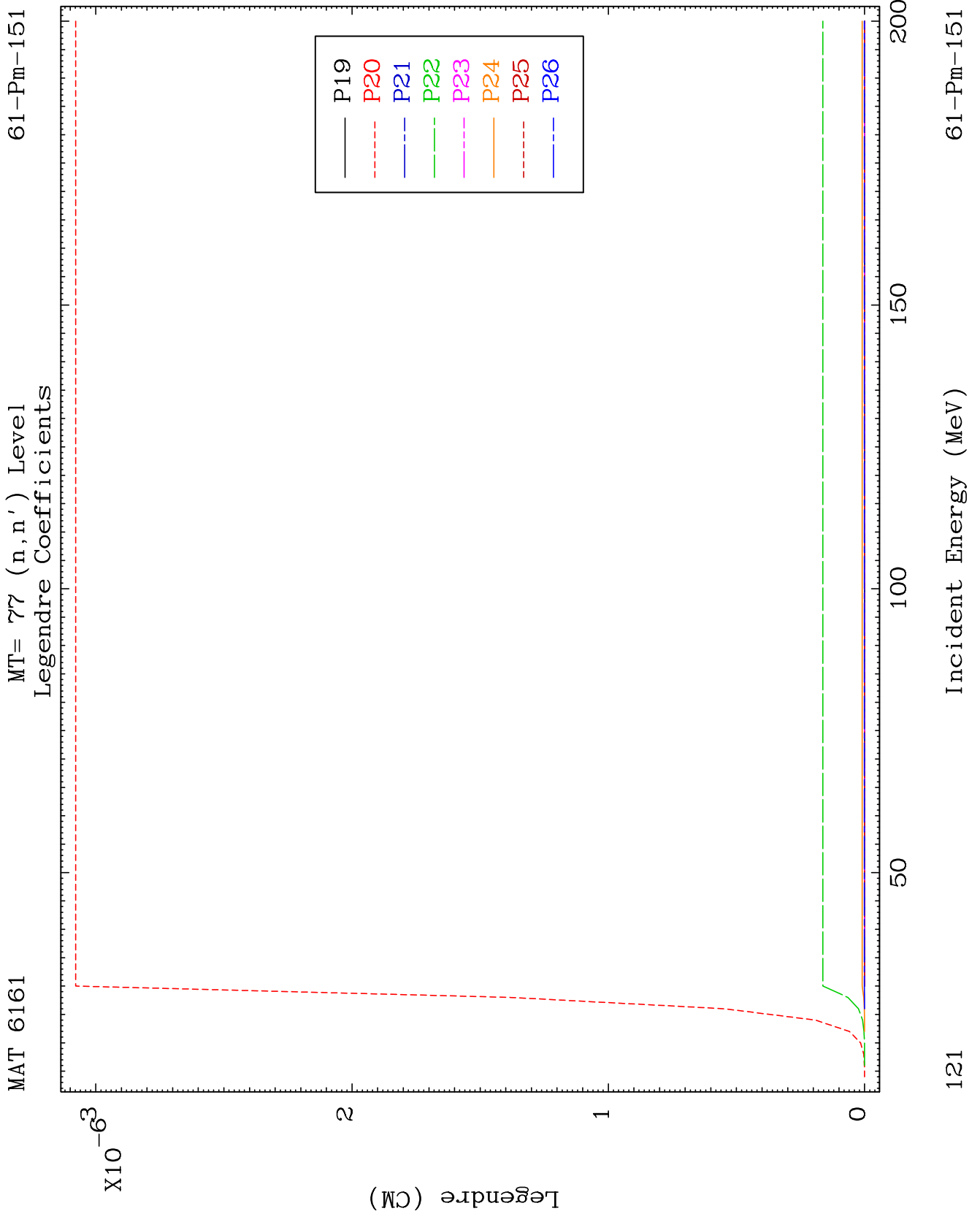
61-Pm-151



61-Pm-151

Incident Energy (MeV)

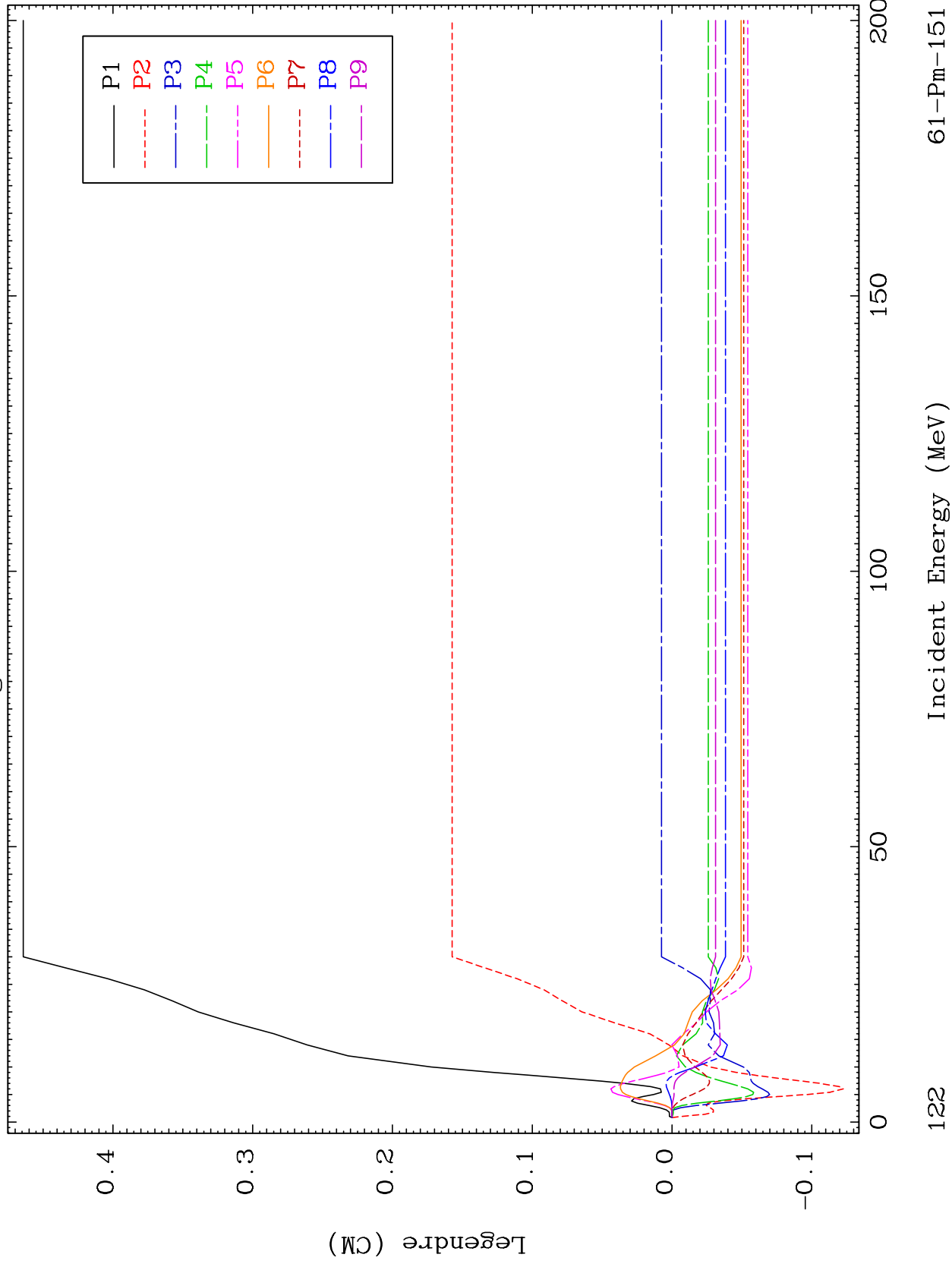
120



MAT 6161

MT= 78 (n,n') Level
Legendre Coefficients

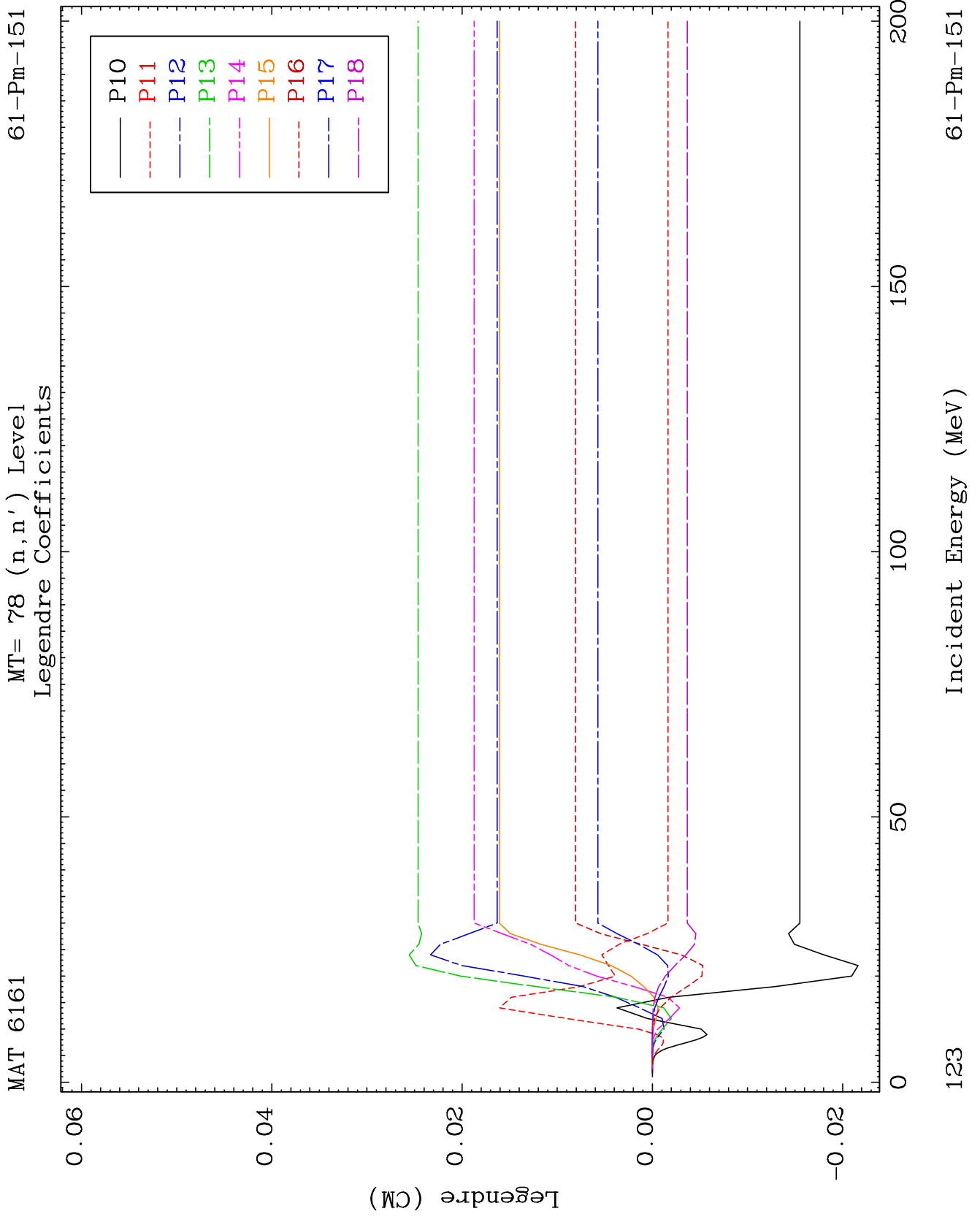
61-Pm-151



61-Pm-151

Incident Energy (MeV)

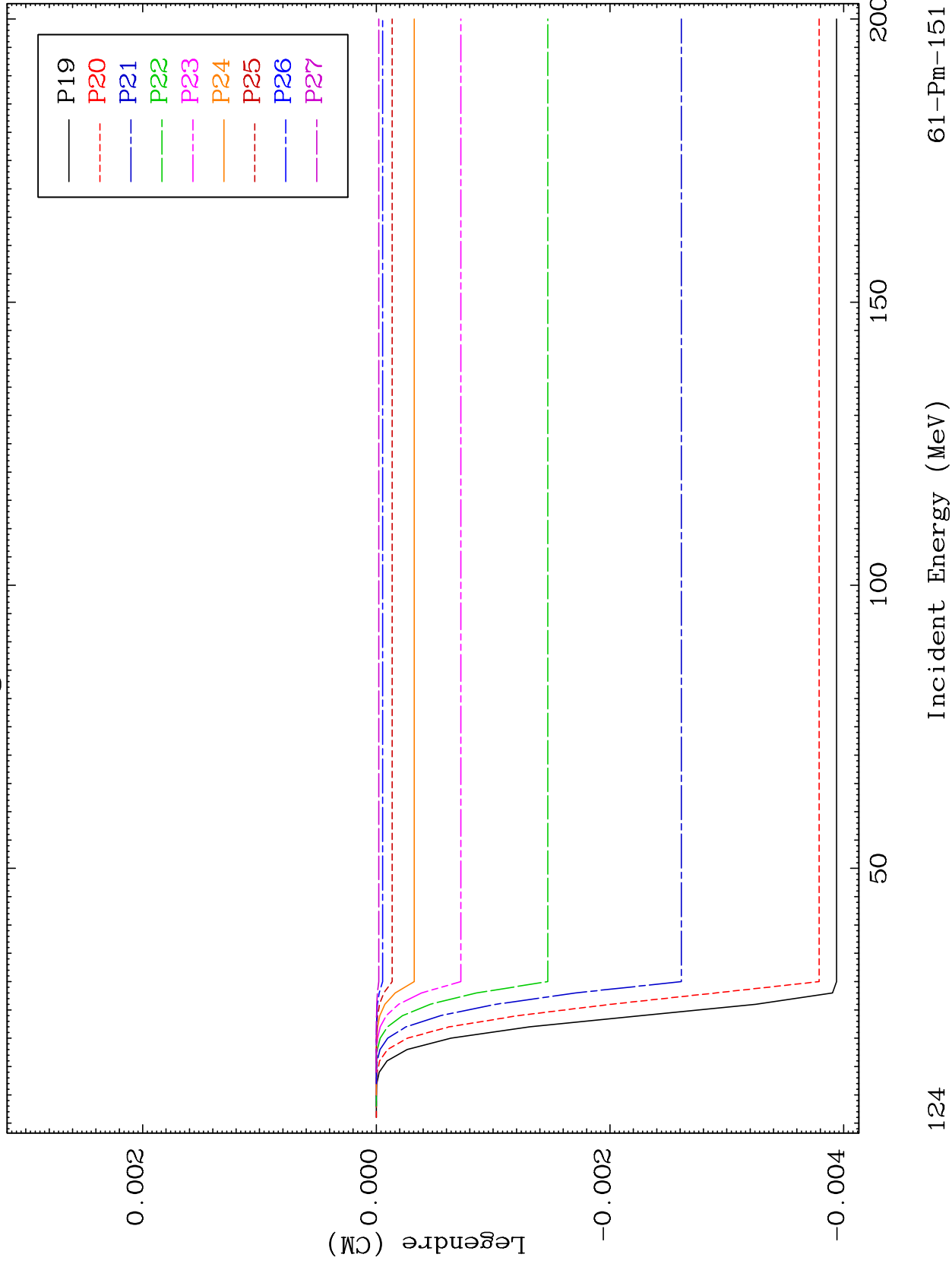
122



MAT 6161

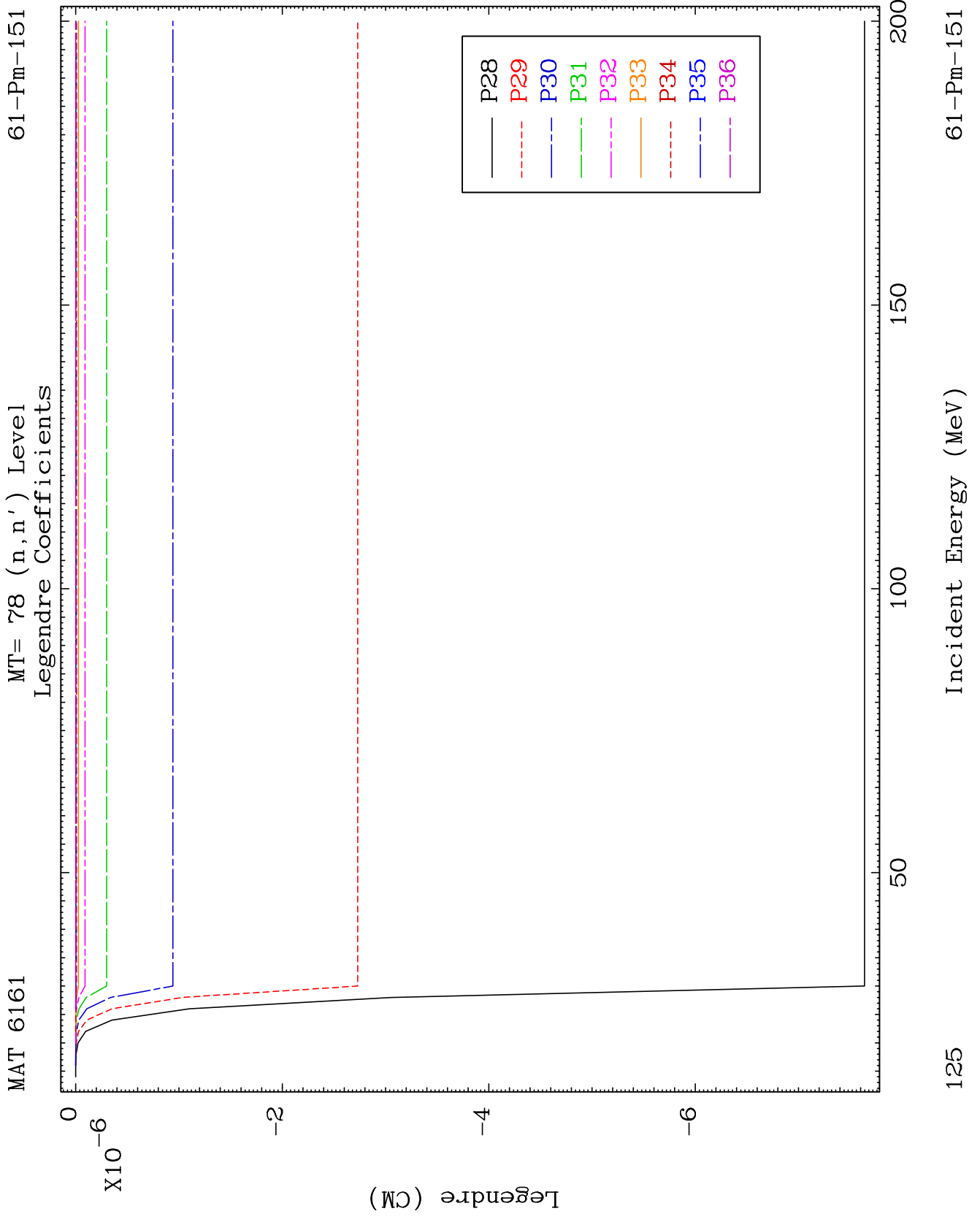
MT= 78 (n,n') Level
Legendre Coefficients

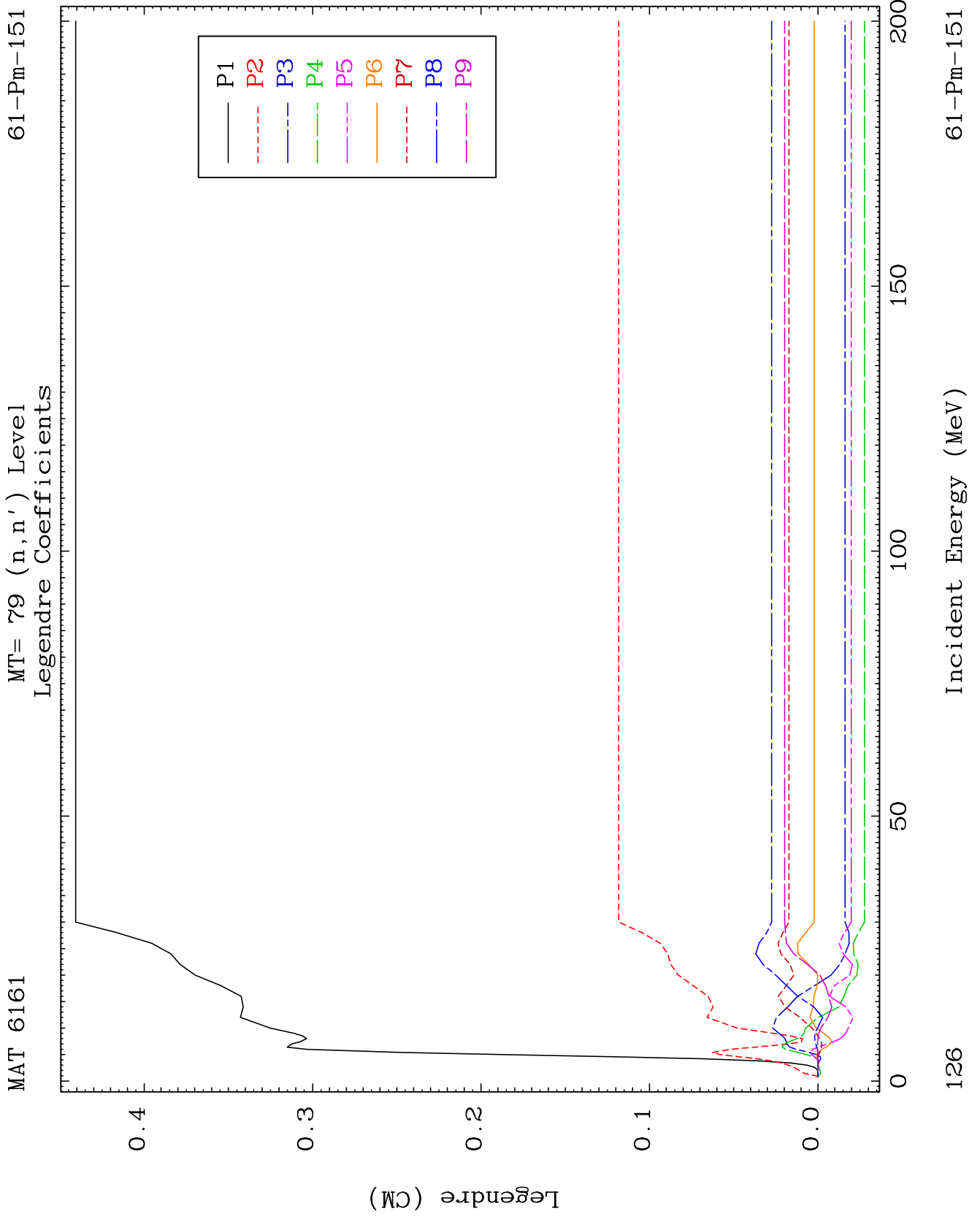
61-Pm-151



124

61-Pm-151

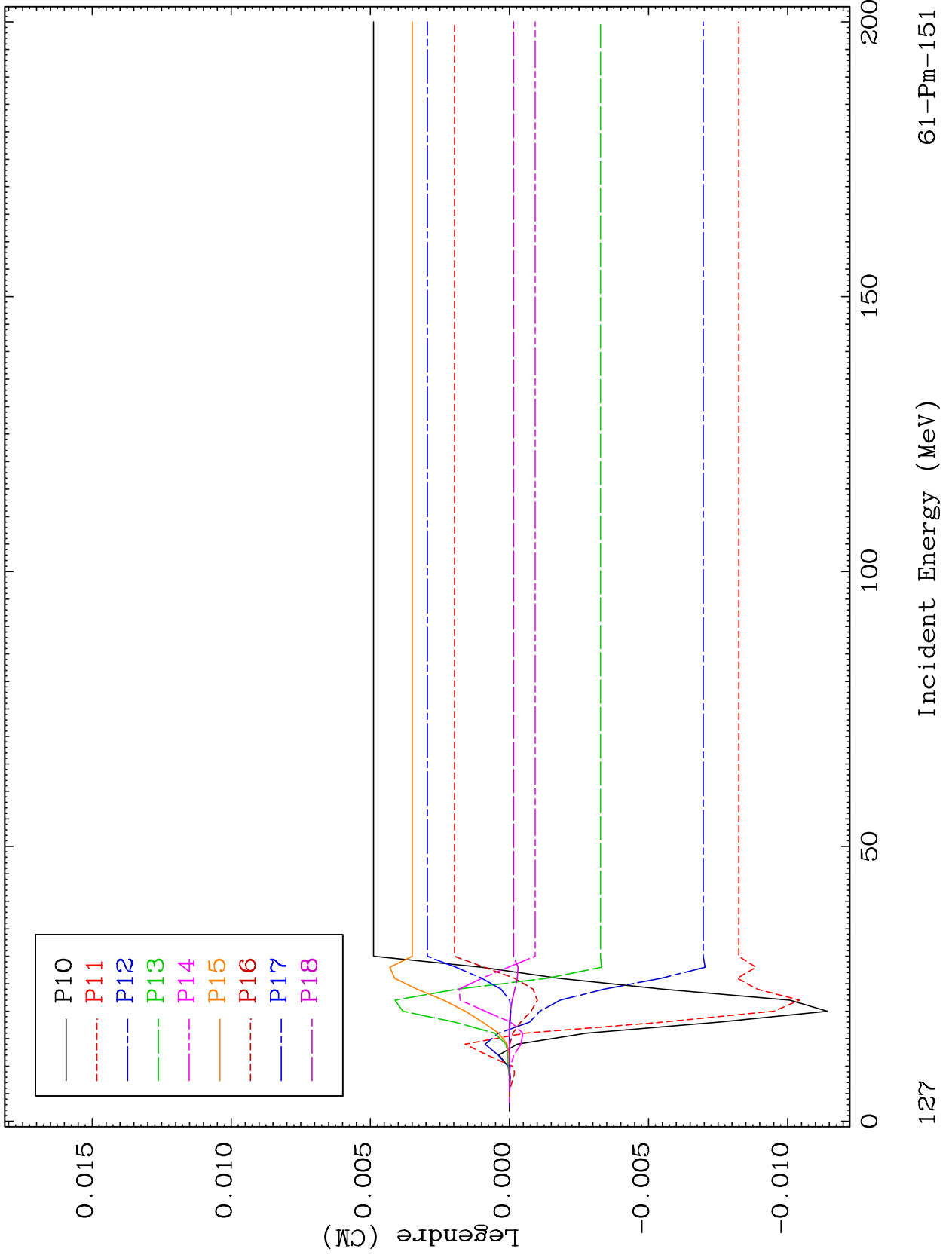


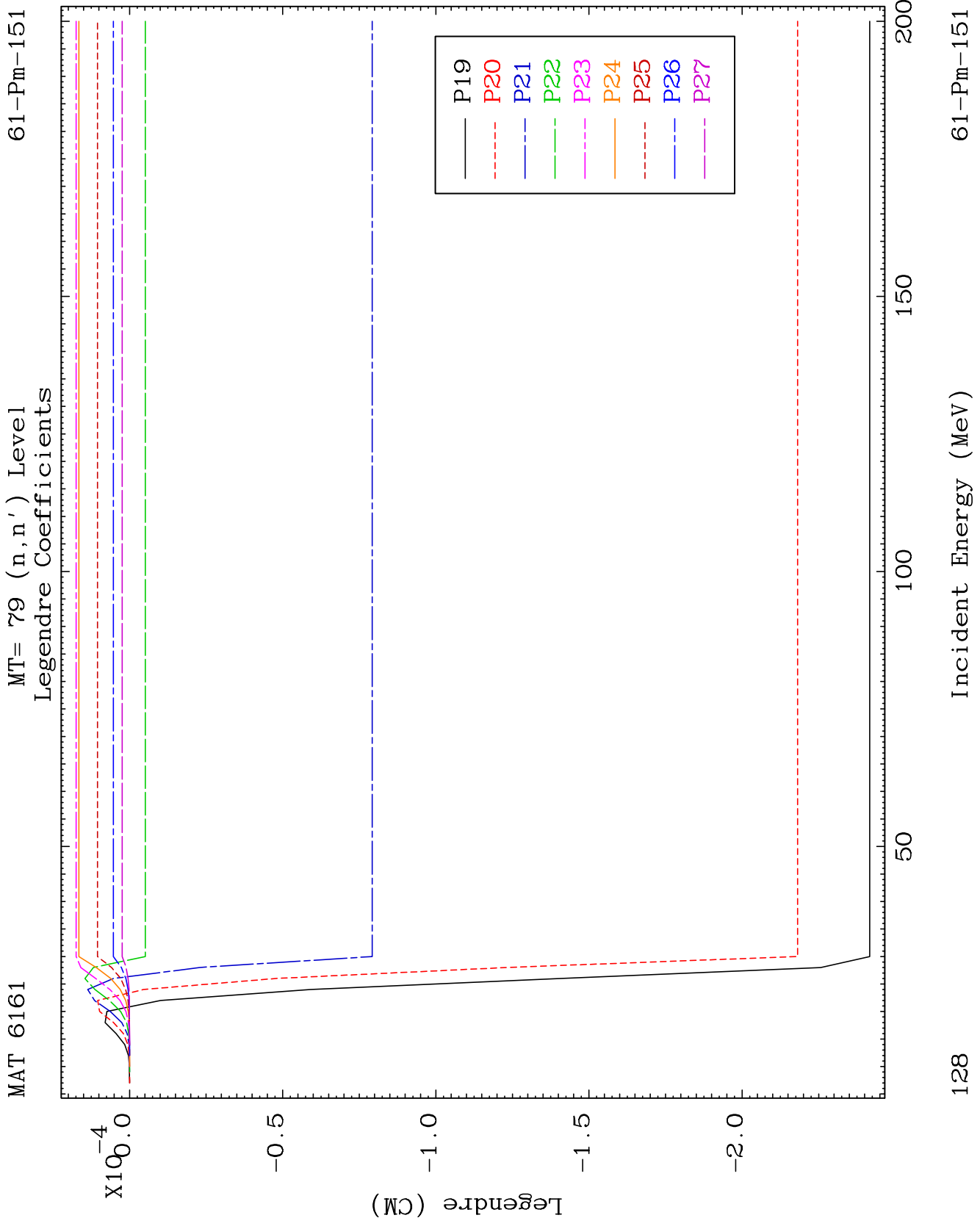


MAT 6161

MT= 79 (n,n') Level
Legendre Coefficients

61-Pm-151

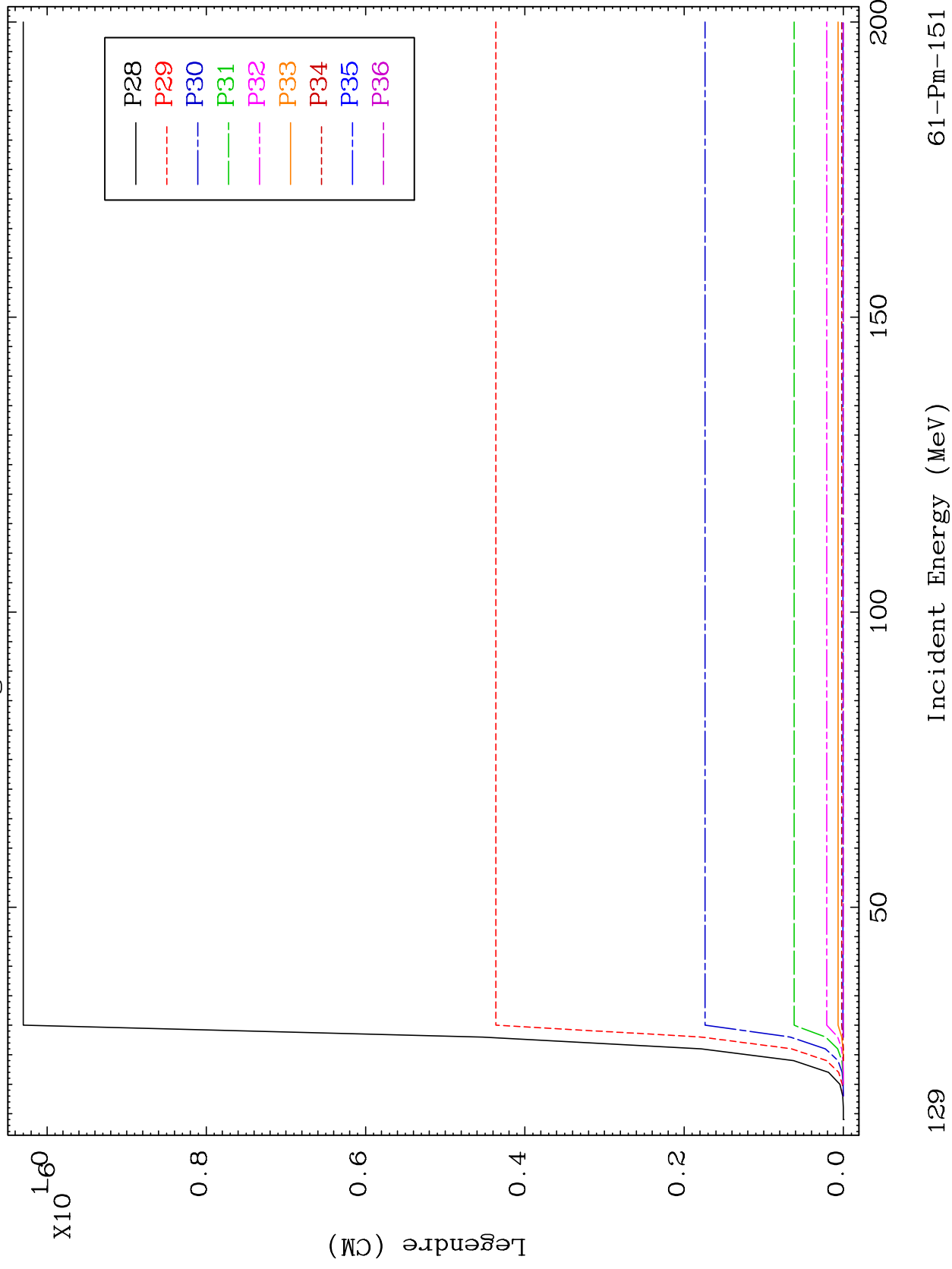




MAT 6161

MT= 79 (n,n') Level
Legendre Coefficients

61-Pm-151



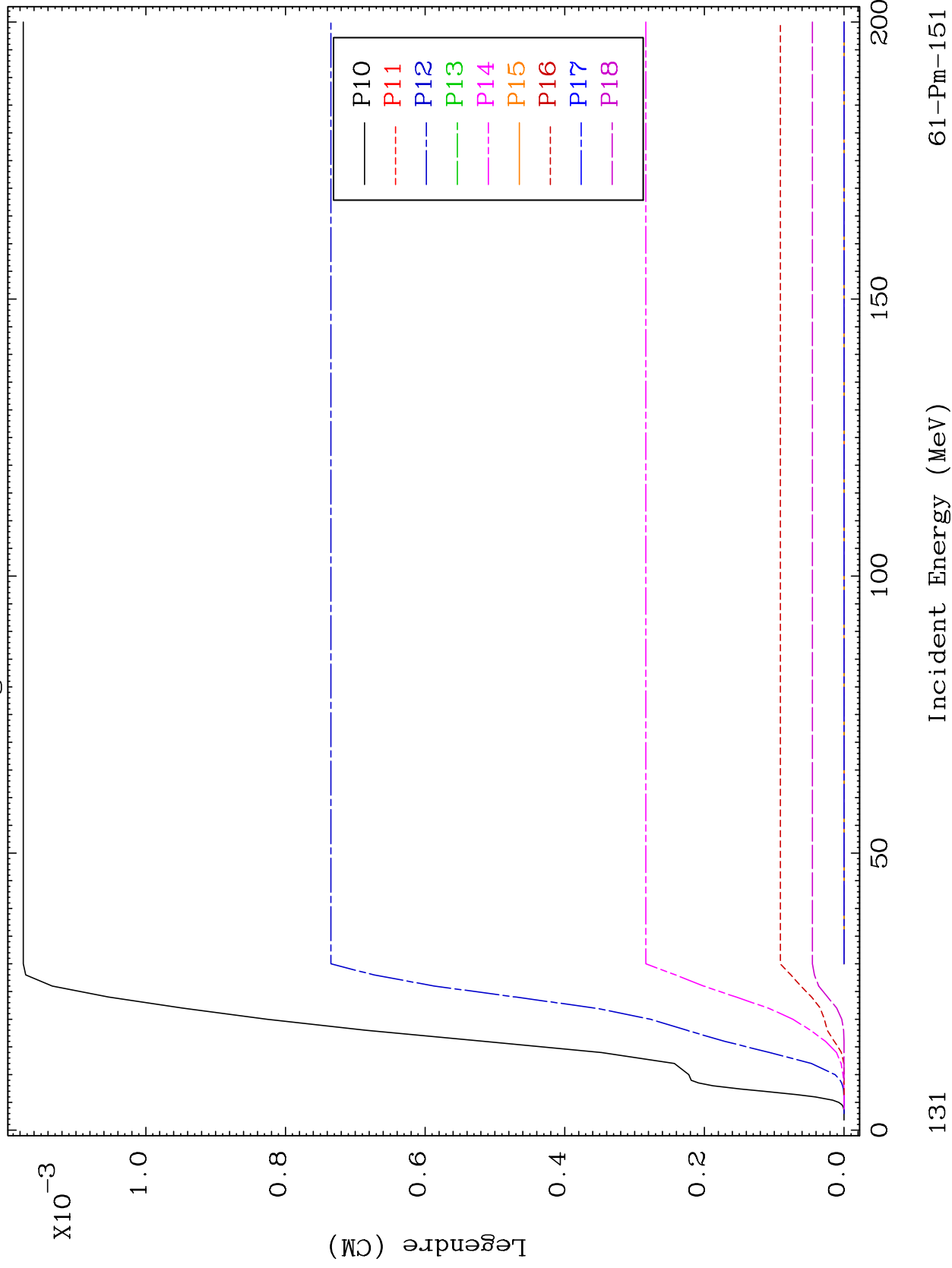
129

61-Pm-151

MAT 6161

MT= 80 (n,n') Level
Legendre Coefficients

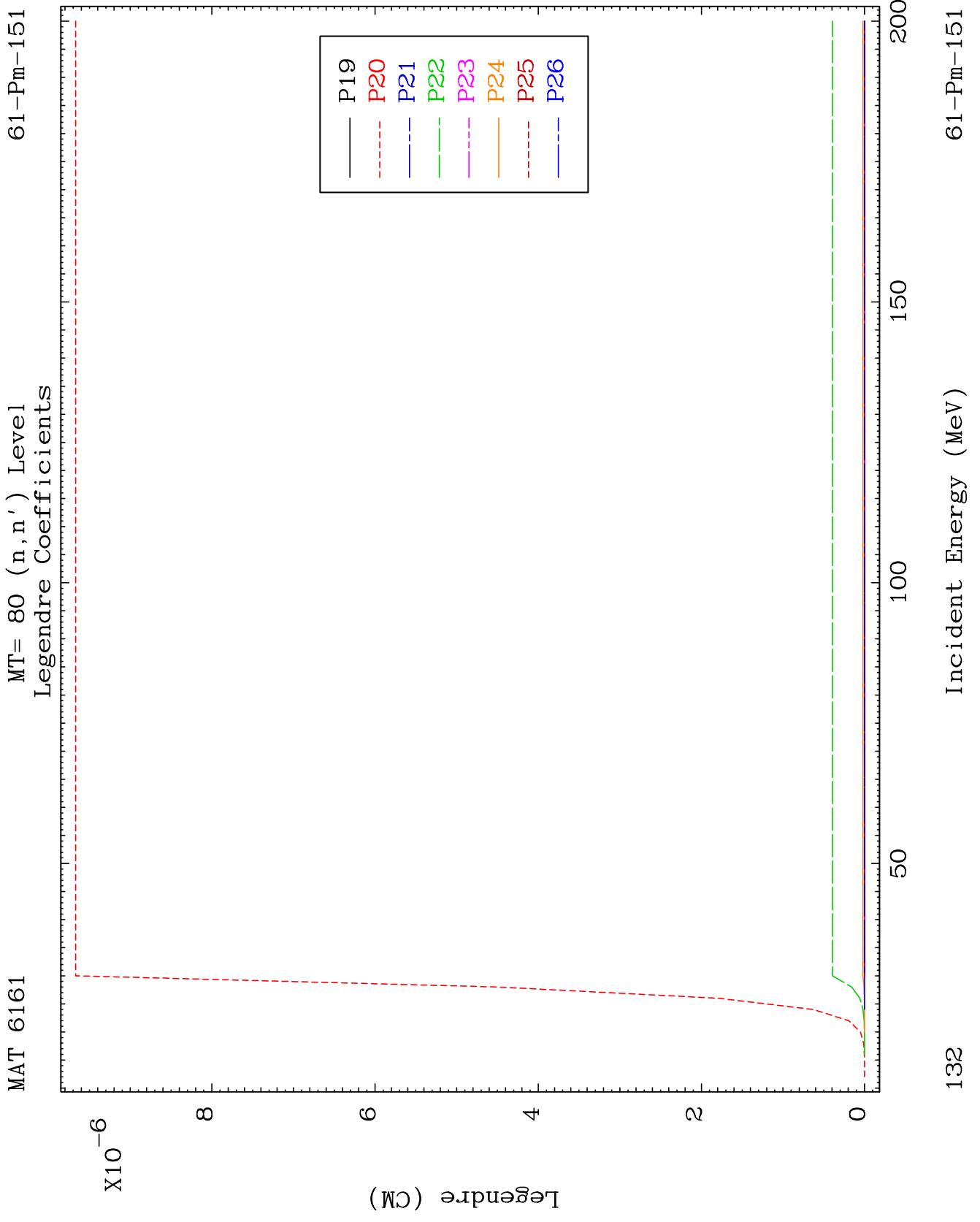
61-Pm-151



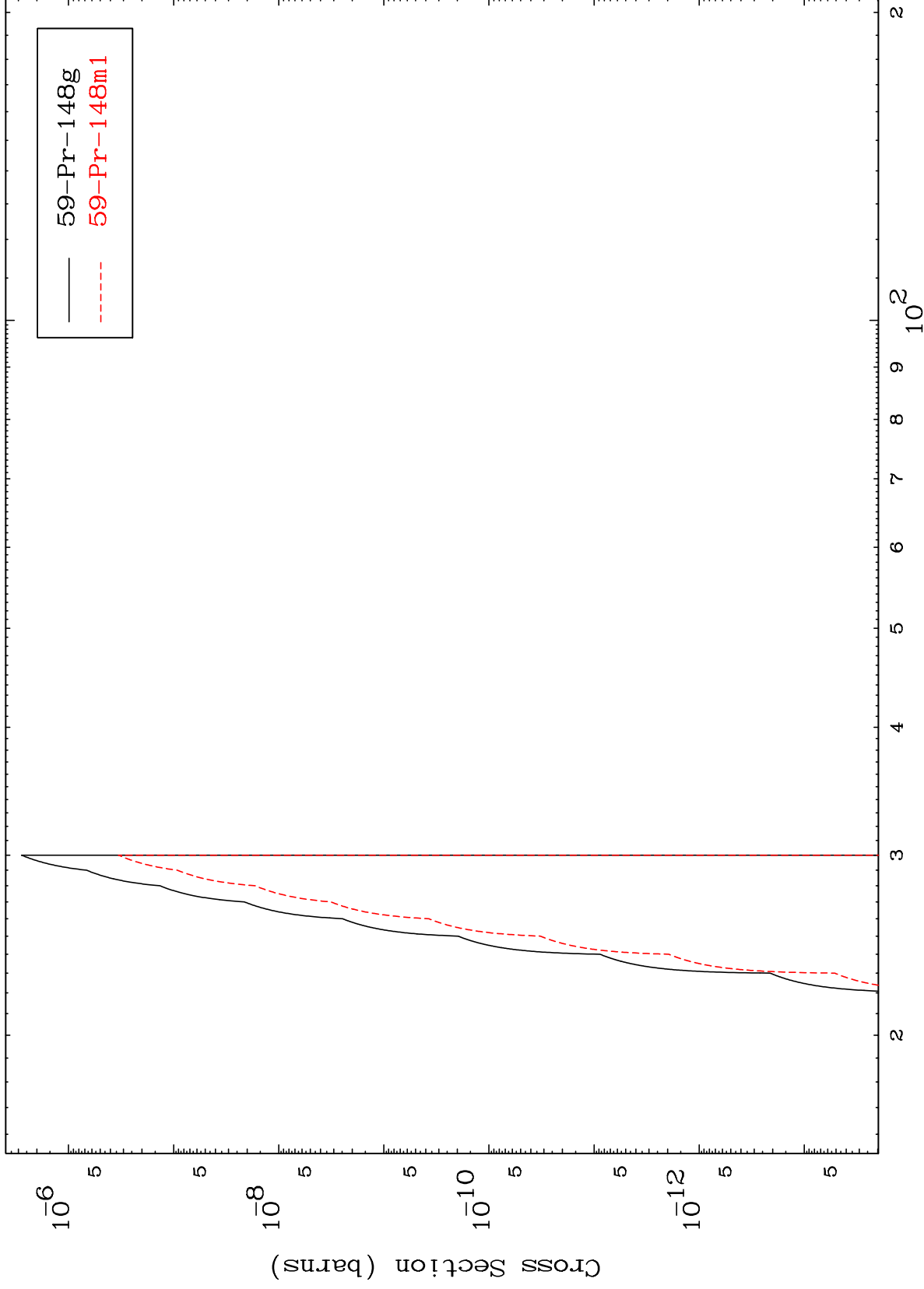
131

Incident Energy (MeV)

61-Pm-151



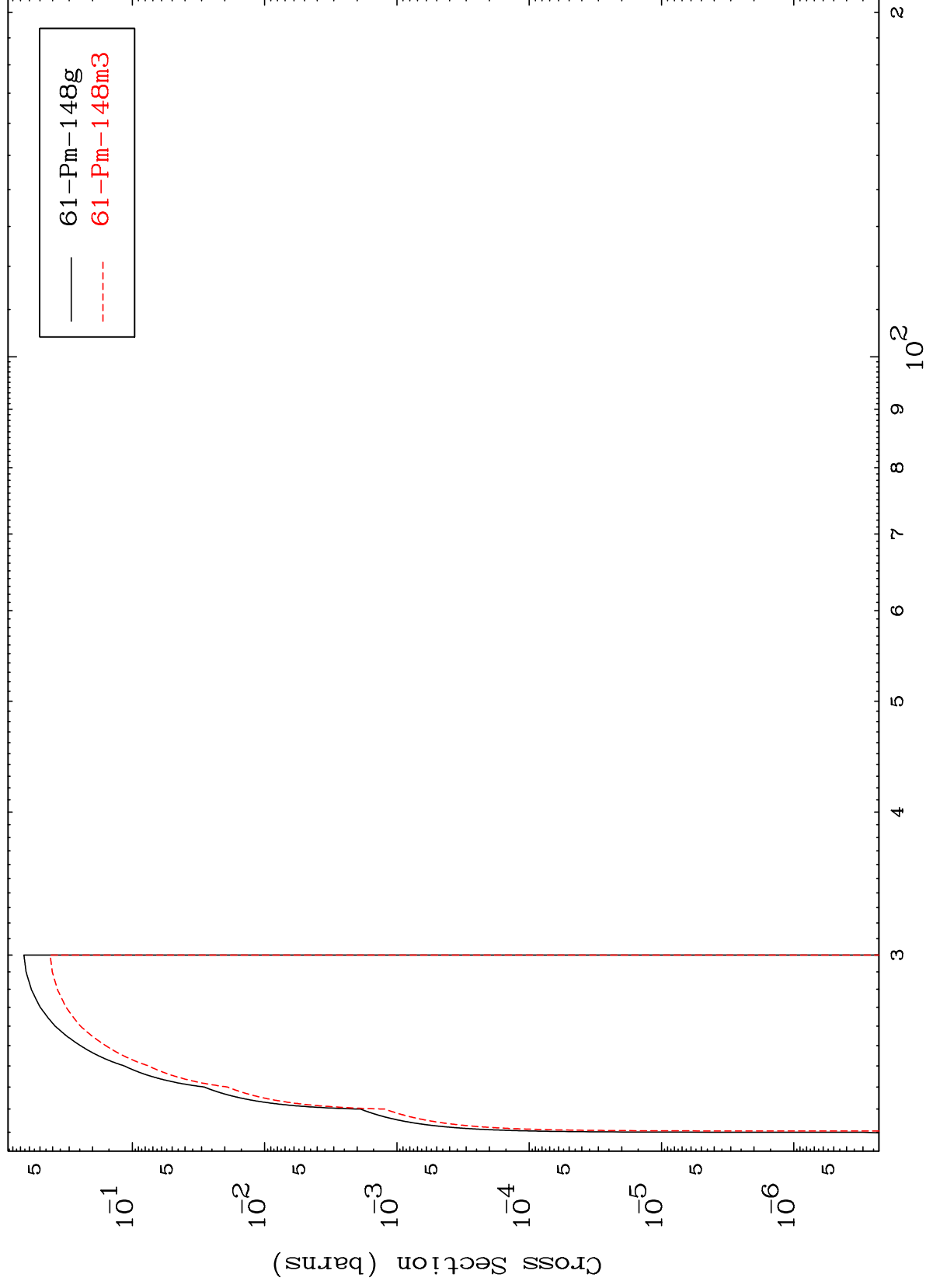
Radionuclide Production Cross Section



MAT 6161

61-Pm-151

(n,4n)
Radionuclide Production Cross Section



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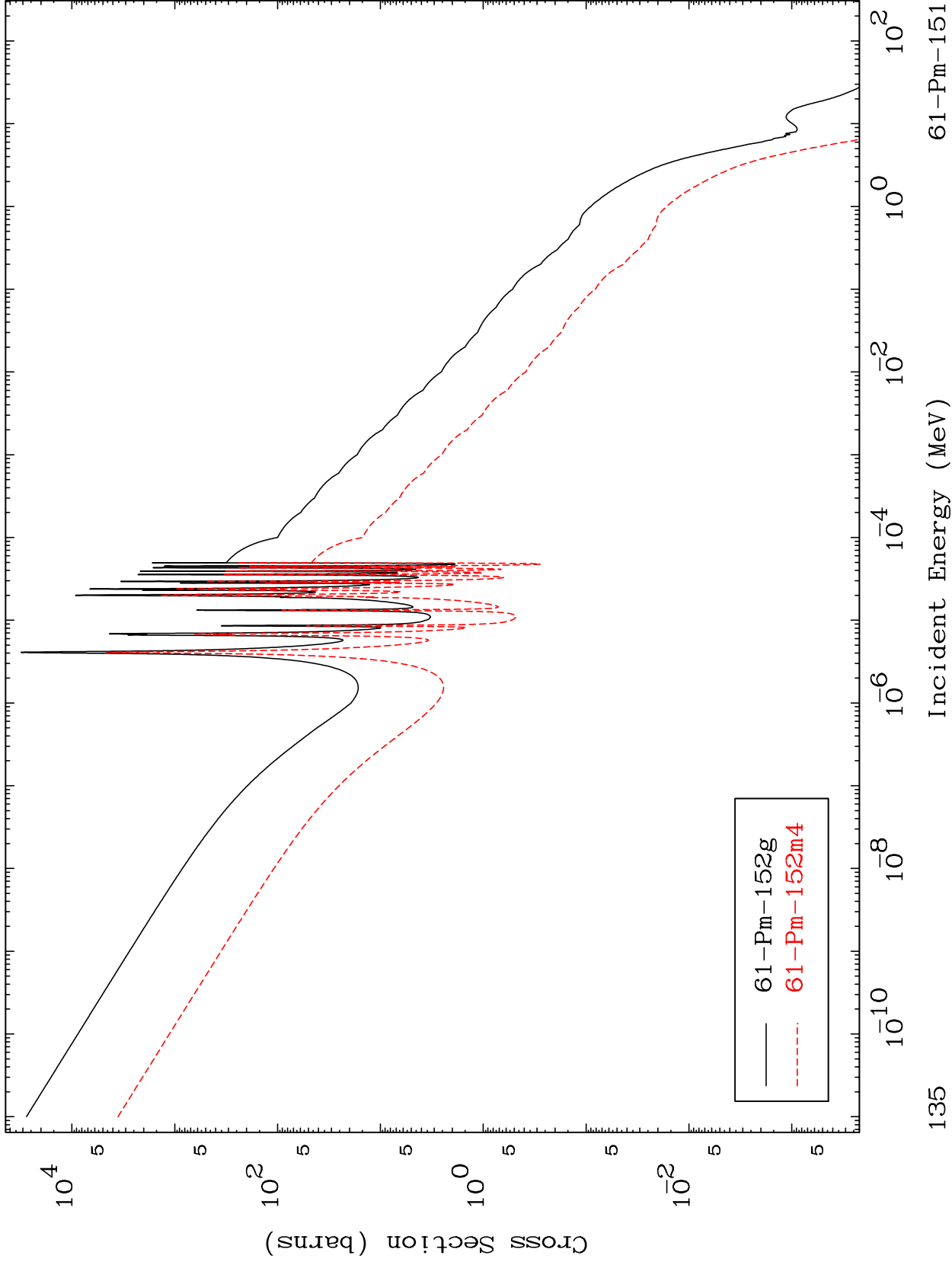
61-Pm-151

Incident Energy (MeV)

MAT 6161

61-Pm-151

(n,γ)
Radionuclide Production Cross Section

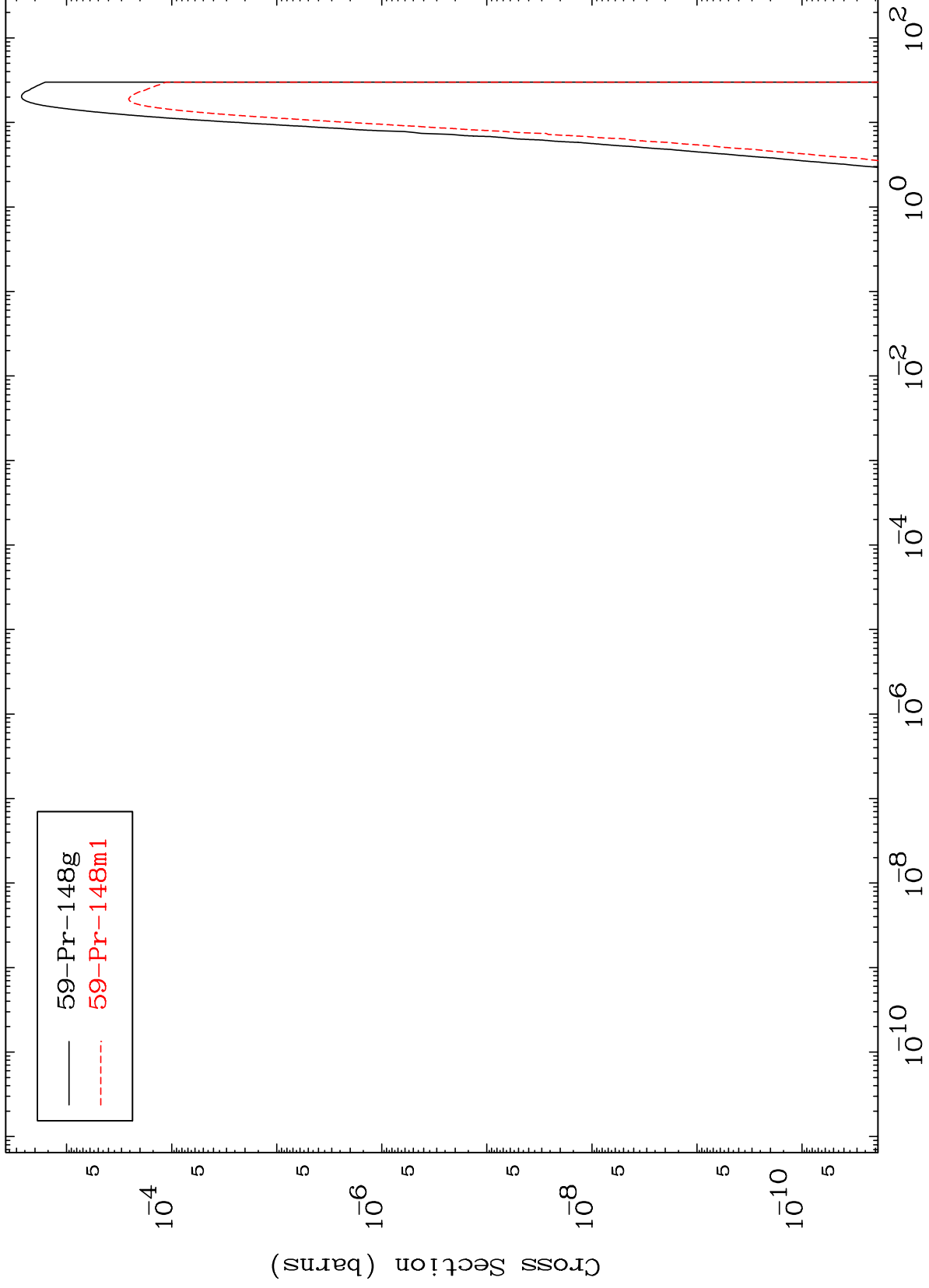


MAT 6161

(n, α)

61-Pm-151

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-151